

PRODUCT INFORMATION

|                              |                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target                       | OX40 Ligand                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Synonyms                     | GP34, CD252, OX4OL, TXGP1, CD134L, OX-40L, TNLG2B                                                                                                                                                                                                                                                                                                                                                                                         |
| Description                  | Recombinant human OX40 Ligand Protein with N-terminal human Fc tag                                                                                                                                                                                                                                                                                                                                                                        |
| Delivery                     | In Stock                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Uniprot ID                   | P23510                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Expression Host              | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Tag                          | N-Human Fc tag                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Molecular Characterization   | hFc(Glu99-Ala330) OX40 Ligand(Gln51-Leu183)                                                                                                                                                                                                                                                                                                                                                                                               |
| Molecular Weight             | The protein has a predicted molecular mass of 41.6 kDa after removal of the signal peptide.                                                                                                                                                                                                                                                                                                                                               |
| Purity                       | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.                                                                                                                                                                                                                                                                                                                                      |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.                                                                                                                                                                                                                                          |
| Storage&Shipping             | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.                                                                                                                                                                                       |
| Background                   | This gene encodes a cytokine of the tumor necrosis factor (TNF) ligand family. The encoded protein functions in T cell antigen-presenting cell (APC) interactions and mediates adhesion of activated T cells to endothelial cells. Polymorphisms in this gene have been associated with Sjogren's syndrome and systemic lupus erythematosus. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014] |
| Usage                        | Research use only                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Conjugate                    | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                              |



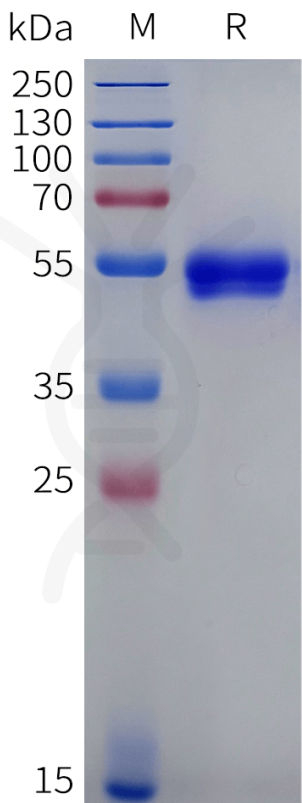
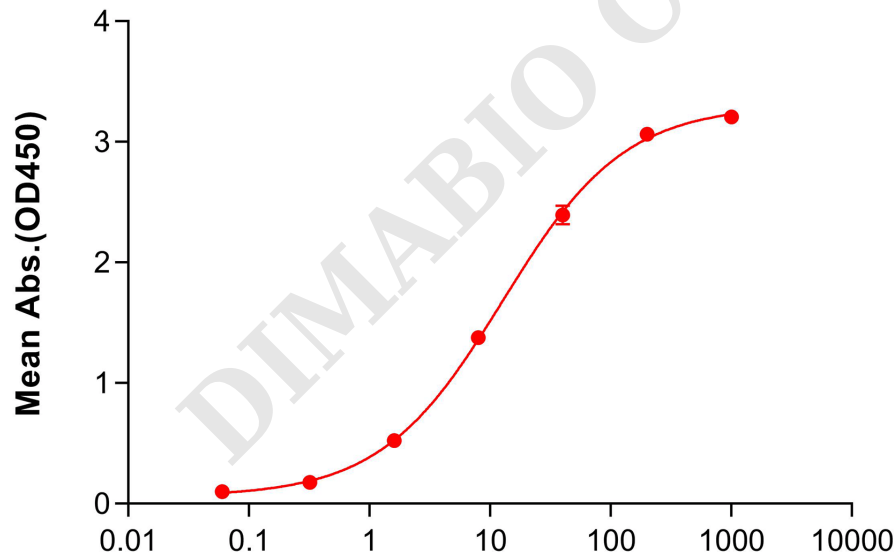


Figure 1. Human OX40 Ligand Protein, hFc Tag on SDS-PAGE under reducing condition.

**Human OX40 Ligand Protein, hFc Tag ELISA**

0.2 µg of Human OX40 Ligand, hFc tagged protein per well



**Anti-OX40 Ligand antibody(DM112), Rabbit mAb (ng/mL)**

Figure 2. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human OX40 Ligand Protein, hFc Tag (PME101843) can bind Anti-OX40 Ligand antibody(DM112), Rabbit mAb (DME100112) in a linear range of 1.6-40 ng/mL.

