

PRODUCT INFORMATION

|                              |  |
|------------------------------|--|
| Target                       | Netrin-1   |
| Synonyms                     | NTN1; NET1; MRMV4; NTN1L   |
| Description                  | Recombinant human Netrin-1 Protein with C-terminal 3×Flag tag  |
| Delivery                     | In Stock   |
| Uniprot ID                   | O95631   |
| Expression Host              | HEK293   |
| Tag                          | C-3×Flag Tag   |
| Molecular Characterization   | Netrin-1(Met1-Ala604) 3×Flag tag   |
| Molecular Weight             | The protein has a predicted molecular mass of 70.7 kDa after removal of the signal peptide.  |
| Purity                       | The purity of the protein is greater than 85% 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                   | Netrin is included in a family of laminin-related secreted proteins. The function of this gene has not yet been defined; however, netrin is thought to be involved in axon guidance and cell migration during development. Mutations and loss of expression of netrin suggest that variation in netrin may be involved in cancer development. [provided by RefSeq, Jul 2008] |
| Usage                        | Research use only  |
| Conjugate                    | Unconjugated   |



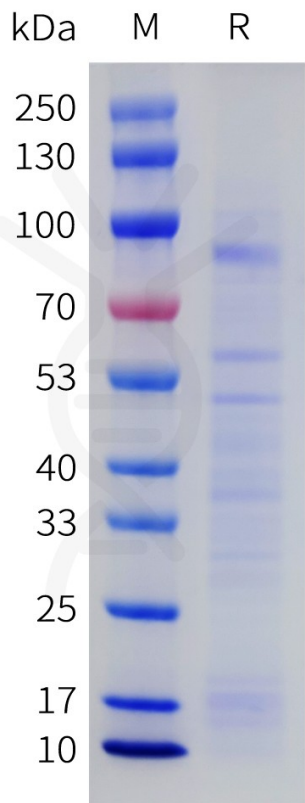


Figure 1. Human Netrin-1 Protein, Flag Tag on SDS-PAGE under reducing condition.

**Human Netrin-1 , Flag Tagged protein ELISA**  
0.2 µg of Human Netrin-1, Flag tagged protein per well

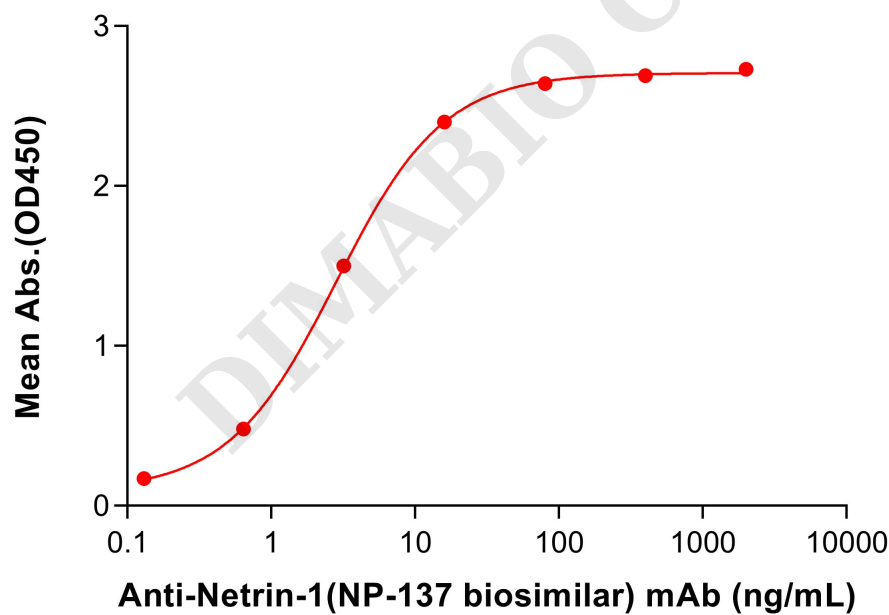


Figure 2. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human Netrin-1 Protein, Flag Tag (PME101766) Tag can bind Anti-Netrin-1(NP-137 biosimilar) mAb (BME100199) in a linear range of 0.64-8 ng/mL.

