

PRODUCT INFORMATION

| | |
|---|---|
| Target | CD37 |
| Synonyms | CD37;TSPAN26;Tspan-26 |
| Description | Recombinant Human CD37 protein with C-terminal human Fc tag |
| Delivery | In Stock |
| Uniprot ID | P11049 |
| Expression Host | HEK293 |
| Tag | C-Human Fc Tag |
| Molecular Characterization | CD37(Arg112-Asn241) hFc(Glu99-Ala330) |
| Molecular Weight | The protein has a predicted molecular mass of 41.0 kDa after removal of the signal peptide. The apparent molecular mass of CD37-hFc is approximately 35-55 kDa due to glycosylation. |
| 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 | The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins and other transmembrane 4 superfamily proteins. It may play a role in T-cell-B-cell interactions. Alternate splicing results in multiple transcript variants encoding different isoforms. |
| Usage | Research use only |
| Conjugate | Unconjugated |



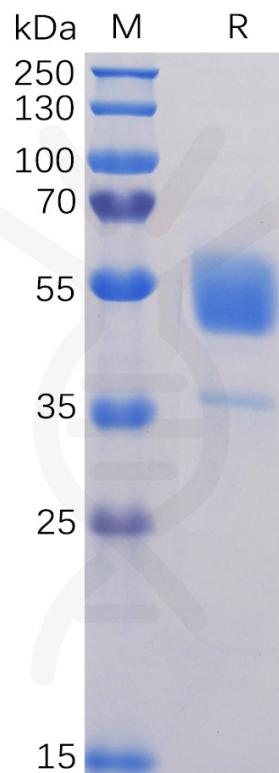


Figure 1. Human CD37 Protein, hFc Tag on SDS-PAGE under reducing condition.

