

PRODUCT INFORMATION

| | |
|---|---|
| Tag | C-Flag Tag |
| Target | TSPAN33 |
| Synonyms | PEN; PEN.; TSPAN-33 |
| Description | Human TSPAN33 full length protein-synthetic nanodisc |
| Delivery | In Stock |
| Uniprot ID | Q86UF1 |
| Expression Host | HEK293 |
| Protein Families | Transmembrane |
| Protein Pathways | N/A |
| Molecular Weight | The human full length TSPAN33 protein has a MW of 31.5 kDa |
| Formulation & Reconstitution | Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for |
| 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 | Plays an important role in normal erythropoiesis (By similarity). It has a role in the differentiation of erythroid progenitors (By similarity). Regulates maturation and trafficking of the transmembrane metalloprotease ADAM10 (PubMed:26686862). Negatively regulates ligand-induced Notch activity probably by regulating ADAM10 activity (PubMed:26686862). |
| Usage | Research use only |
| Conjugate | Unconjugated |



ELISA assay to evaluate TSPAN33-Nanodisc
0.2µg Human TSPAN33-Nanodisc per well

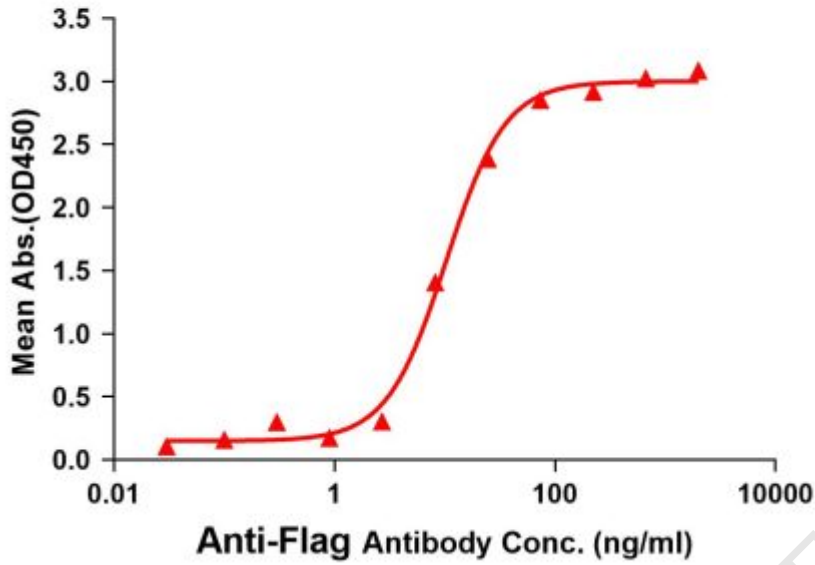


Figure1. Elisa plates were pre-coated with Flag Tag TSPAN33-Nanodisc (0.2µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with TSPAN33-Nanodisc is 10.31ng/ml.

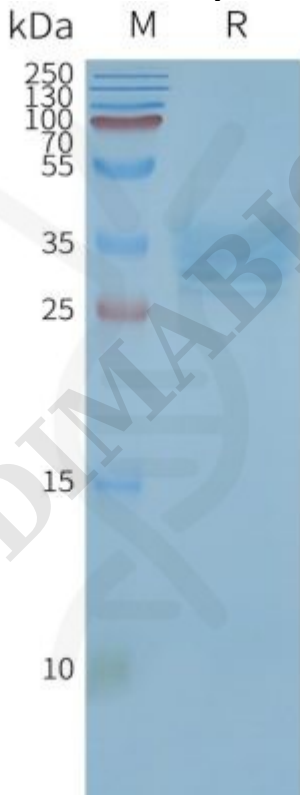


Figure2. Human TSPAN33-Nanodisc, Flag Tag on SDS-PAGE

