HUMAN TSPAN33 FULL LENGTH PROTEIN

Cat.#: 11017

Product Name: Human TSPAN33 Full Length Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: PEN; PEN.; TSPAN-33

Target: TSPAN33

UNIPROT ID: Q86UF1

Description: Human TSPAN33 full length protein-synthetic nanodisc

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).

Species/Host: HEK293

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.

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.

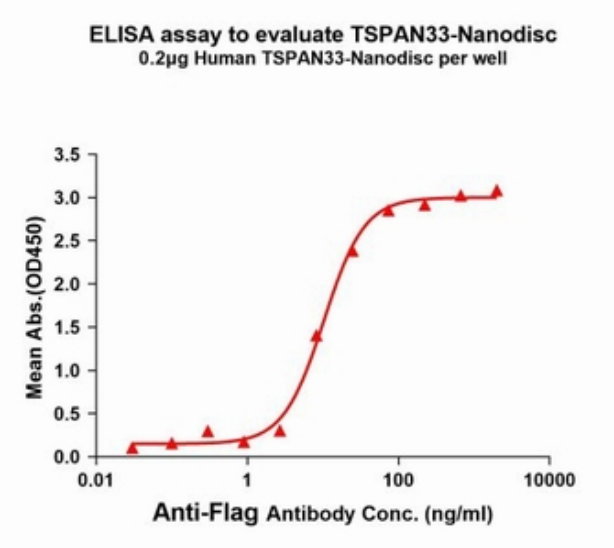

Figure1. Elisa plates were pre-coated with Flag Tag TSPAN33-Nanodisc (0.2 μg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with TSPAN33-Nanodisc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

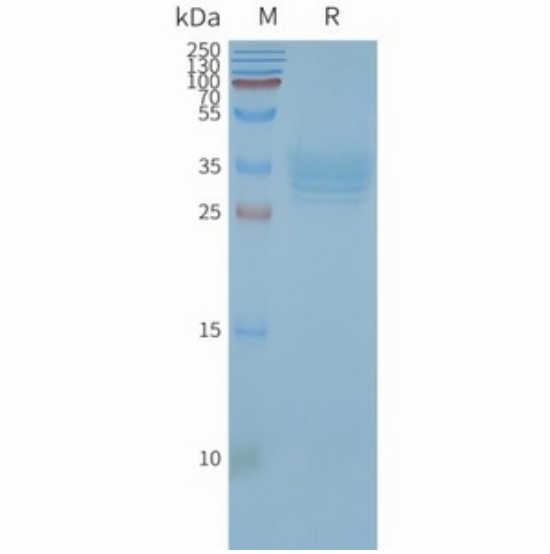

Figure2. Human TSPAN33-Nanodisc, Flag Tag on SDS-PAGE