PRODUCT INFORMATION

Tag	C-Flag Tag
Expression Host	HEK293
Target	TSPAN33
Synonyms	PEN; PEN.; TSPAN-33
Description	Human TSPAN33 full length protein-MNP
Uniprot ID	Q86UF1
Protein Families	Transmembrane
Protein Pathways	N/A
Molecular Weight	The human full length TSPAN33 protein has a MW of 31.5 kDa
Delivery	In Stock
Formulation & Reconstitution	Lyophilized from PBS. Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
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

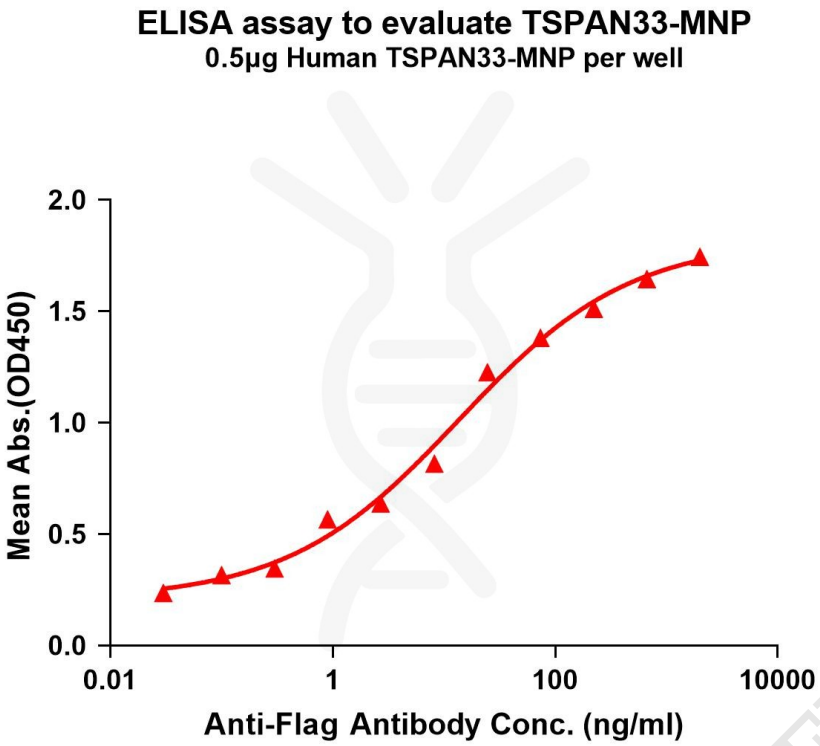

Figure1. Elisa plates were pre-coated with 0.5μg/per well purified human TSPAN33 full length membrane nanoparticles. Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with TSPAN33 full length membrane nanoparticles is 13.66ng/ml.