

PRODUCT INFORMATION

Tag	C-Flag Tag
Expression Host	HEK293
Target	TSPAN8
Synonyms	CO-029; TM4SF3
Description	Human TSPAN8 full length protein-synthetic nanodisc
Uniprot ID	P19075
Protein Families	Transmembrane
Protein Pathways	N.A.
Molecular Weight	The human full length TSPAN8 protein has a MW of 26.0 kDa
Delivery	In Stock
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 specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments.
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	The protein 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. This gene is expressed in different carcinomas.
Usage	Research use only
Conjugate	Unconjugated



ELISA assay to evaluate TSPAN8-Nanodisc 0.2 μ g Human TSPAN8-Nanodisc per well

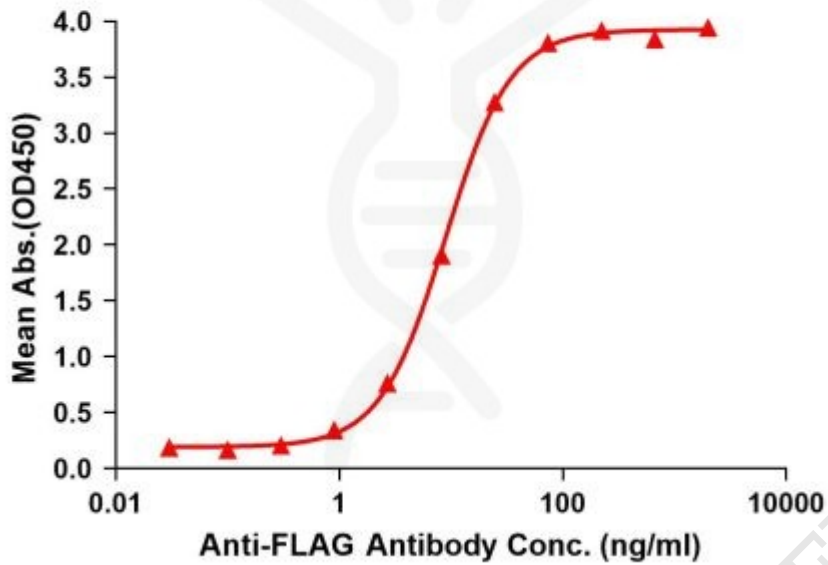


Figure1. Elisa plates were pre-coated with Flag Tag TSPAN8-Nanodisc (0.2 μ g/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with TSPAN8-Nanodisc is 8.908ng/ml.



Figure2. Human TSPAN8-Nanodisc, Flag Tag on SDS-PAGE

