HUMAN TSPAN8 FULL LENGTH PROTEIN

Cat.#: 11069
Product Name: Human TSPAN8 Full Length Protein
Size : 10 µg; 50 µg and 100 µg
Synonyms: CO-029; TM4SF3
Target: TSPAN8
UNIPROT ID: P19075
Description: Human TSPAN8 Full Length Protein-Synthetic Nanodisc
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.
Species/Host: HEK293
Molecular Weight: The human full length TSPAN8 protein has a MW of 26.0 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.
Protein Families: Transmembrane
Protein Pathways: N.A.

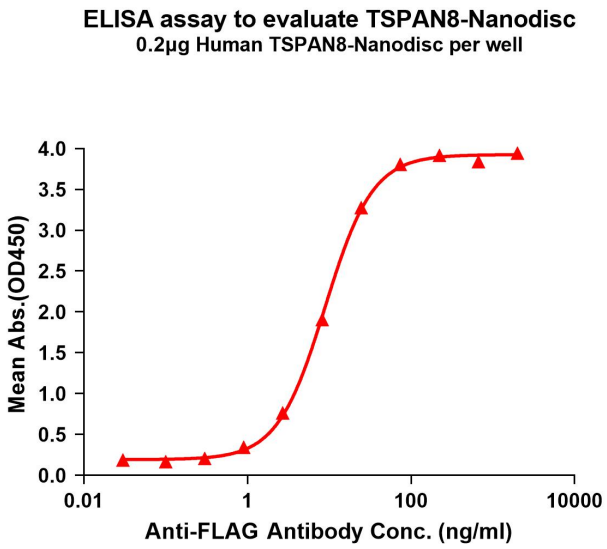

Figure 1. Elisa plates were pre-coated with Flag Tag TSPAN8-Nanodisc (0.2µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with TSPAN8-Nanodisc is 8.908ng/ml.

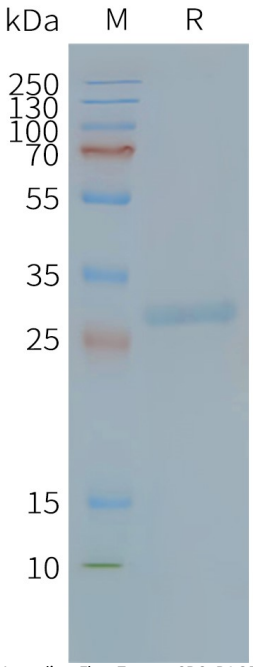

Figure 2. Human TSPAN8-Nanodisc, Flag Tag on SDS-PAGE

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