

## Product datasheet for **TP721418M**

### PROM1 Human Recombinant Protein, Synthetic Nanodisc

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human PROM1 full length protein-Synthetic Nanodisc, 100µg
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	C-terminal Flag tagged overexpression cDNA clone
Tag:	C-term Flag Tag
Predicted MW:	The human full length PROM1 protein has a MW of 97.2 kDa
Concentration:	Please refer to the Certificate of Analysis (COA) for the lot-specific concentration before lyophilization.
Purity:	The purity of the protein is determined by SDS-PAGE and Coomassie blue staining.
Buffer:	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. Do not use solvents with pH lower than 6.5 in subsequent experiments.
Preparation:	Affinity purification
Storage:	Store at -20°C to -80°C for 12 months in lyophilized form.
Stability:	After reconstitution, if not intended for use within a month, aliquot and store at -80°C . Avoid repeated freezing and thawing.
Locus ID:	8842
UniProt ID:	<a href="#">O43490</a>
Synonyms:	AC133; CD133; CORD12; MCDR2; MSTP061; PROML1; RP41; STGD4
Protein Families:	Druggable Genome, GPCR, Transmembrane
Protein Pathways:	Chemokine signaling pathway, Cytokine-cytokine receptor interaction



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Product images:

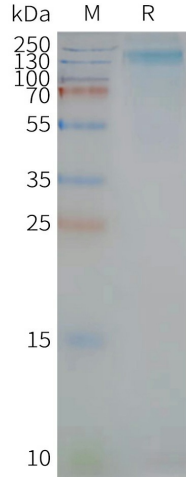


Figure 2. Human PROM1-Nanodisc, Flag Tag on SDS-PAGE

ELISA assay to evaluate PROM1-Nanodisc  
0.2µg Human PROM1-Nanodisc per well

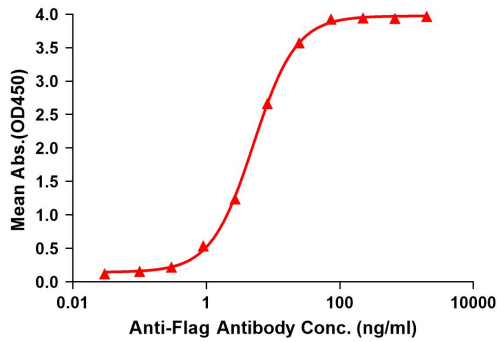


Figure 1. Elisa plates were pre-coated with Flag Tag PROM1-Nanodisc (0.2µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with PROM1-Nanodisc is 5.105ng/ml.