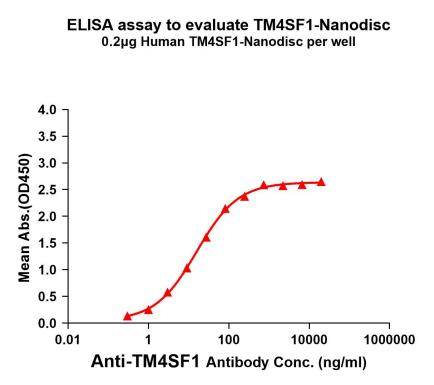
VLP/Nanodisc | Full-Length | HuPro®

TM4SF1 (Human) Recombinant Protein

Catalog # P10759 Size 100 ug

Applications



Enzyme-linked Immunoabsorbent Assay

ELISA plates were pre-coated with Flag Tag TM4SF1-Nanodisc (0.2 ug/per well). Serial diluted anti-TM4SF1 monoclonal antibody solutions were added, washed, and incubated with secondary antibody before ELISA reading. From above data, the EC_{50} for anti-TM4SF1 monoclonal antibody binding with TM4SF1-Nanodisc is 15.97 ng/mL.

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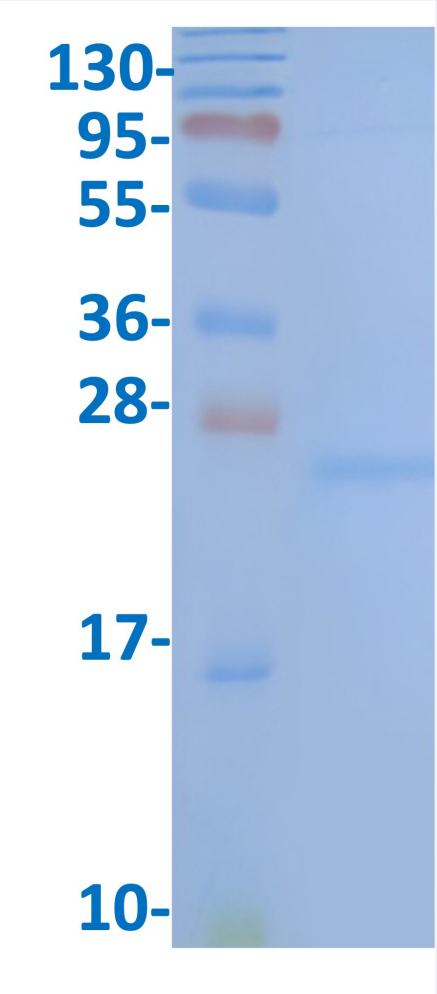

SDS-PAGE

Human TM4SF1-Nanodisc, Flag Tag on SDS-PAGE.

Specification

Product Description	Human TM4SF1 (P30408, 1 a.a. - 202 a.a.) full-length recombinant protein-Nanodisc.
Sequence	MCYGKCARCIGHSLVGLALLCIAANILLYFPNGETKYASENHLSRFVWFFSGIVGGGLLMLLPAFVFI GLEQDDCCGCCGHENCGKRCAMLSSVLAALIGIAGSGYCVIVAALGLAEGPLCLDSLGQWNYTF ASTEGQYLLDTSTWSECTEPKHIVEWNVSLFSILLALGGIEFILCLIQVINGVLGGICGFCCSHQQQY DC
Host	Human
Theoretical MW (kDa)	21.6
Reactivity	Human
Form	Lyophilized
Conjugation	Unconjugated
Preparation Method	Mammalian cell (HEK293) expression system

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Recommend Usage	ELISA SDS-PAGE
Storage Buffer	Lyophilized from 20 mM Tris-HCl, 150 mM NaCl, pH 8.0 (5% trehalose).
Storage Instruction	Store at -20°C to -80°C for 12 months. Aliquot to avoid repeated freezing and thawing.

Applications

- Enzyme-linked Immunoabsorbent Assay

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- SDS-PAGE

  Human TM4SF1-Nanodisc, Flag Tag on SDS-PAGE.

Gene Info — TM4SF1

Entrez GeneID	4071
Protein Accession#	P30408
Gene Name	TM4SF1
Gene Alias	H-L6, L6, M3S1, TAAL6
Gene Description	transmembrane 4 L six family member 1
Omim ID	191155
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known a s the tetraspanin family. Most of these members are cell-surface proteins that are characterized b y 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 prot ein is a cell surface antigen and is highly expressed in different carcinomas. [provided by RefSeq
Other Designations	membrane component, chromosome 3, surface marker 1|transmembrane 4 superfamily member 1|tumor-associated antigen L6

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