

Bioactive

HuPro®

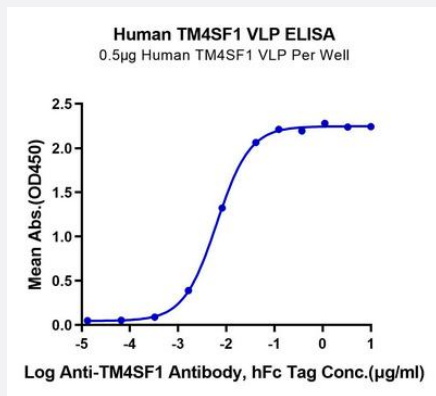
Full-Length

TM4SF1 (Human) Recombinant Protein

Catalog # P9723

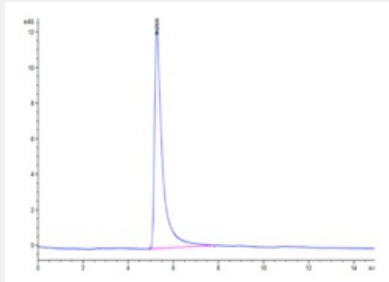
Size 100 ug

Applications



Enzyme-linked Immunoabsorbent Assay

Immobilized Human TM4SF1 VLP at 5 ug/mL (100 uL/Well) on the plate. Dose response curve for Anti-TM4SF1 Antibody, hFc Tag with the EC50 of 6.3 ng/mL determined by ELISA.



SEC-HPLC

The purity of Human TM4SF1 VLP is greater than 95% as determined by SEC-HPLC.

Specification

Product Description	Human TM4SF1 (P30408, 1 a.a. - 202 a.a.) full recombinant protein expressed in HEK294 cells.
Sequence	MCYGKCARCIGHSLVGLALLCIAANILLYFPNGETKYASENHLSRFVWFFSGIVGGGLLMLLPAFVFI GLEQDDCCGCCGHENCGKRCAMLSSVLAALIGIAGSGYCVVAALGLAEGPLCLDSLGGQWNYTF ASTEGQYLLDTSTWSECTEPKHIVEWNVSLFSILLALGGIEFILCLIQVINGVLGGICGFCCSHQQQY DC
Host	Human
Theoretical MW (kDa)	21.64

Form	Lyophilized
Preparation Method	Mammalian cell (Expi293, high-yield transient HEK293) expression system
Purity	> 95% as determined by HPLC
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	The EC ₅₀ was 6.3 ng/mL, measured by ELISA at 5 ug/mL.
Quality Control Testing	SEC-HPLC SEC-HPLC The purity of Human TM4SF1 VLP is greater than 95% as determined by SEC-HPLC.
Recommend Usage	Biological Activity ELISA SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from sterile distilled Water is > 100 ug/mL
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of bioactivity analysis

Applications

- Enzyme-linked Immunoabsorbent Assay

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- Functional Study

- 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	<p>The protein encoded by this gene 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 antigen and is highly expressed in different carcinomas. [provided by RefSeq]</p>
Other Designations	membrane component, chromosome 3, surface marker 1 transmembrane 4 superfamily member 1 tumor-associated antigen L6