Full-Length
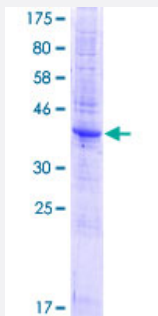
TM4SF1 (Human) Recombinant Protein (P01)

Catalog #   H00004071-P01   Size   25 ug, 10 ug

Applications

Specification

Product Description	Human TM4SF1 full-length ORF (NP_055035.1, 1 a.a. - 202 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MCYGKCARCIGHSLVGLALLCIAANILLYFPNGETKYASENHLSRFVWFFSGIVGGGLLMLLPAFVFI GLEQDDCCGCCGHENCGKRCAMLSSVLAALIGIAGSGYCVIVAALGLAEGPLCLDSLGQWNYTF ASTEGQYLLDTSTWSECTEPKHIVEWNVSLFSILLALGGIEFILCLIQVINGVLGGICGFCCSHQQQY DC
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	48
Interspecies Antigen Sequence	Mouse (78); Rat (80)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TM4SF1

Entrez GeneID	4071
GeneBank Accession#	NM_014220.2
Protein Accession#	NP_055035.1
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 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
Other Designations	membrane component, chromosome 3, surface marker 1|transmembrane 4 superfamily member 1|tumor-associated antigen L6