

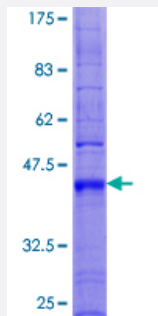
Full-Length

TM4SF4 (Human) Recombinant Protein (P01)

Catalog # H00007104-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TM4SF4 full-length ORF (NP_004608.1, 1 a.a. - 202 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MCTGGCARCLGGTLIPLAFFGFLANILLFFPGGKVIDDNDHLSQEIWFFGGILGSGVLMIFPALVFLG
LKNNDCCGCCGNEGCGKRFAMFTSTIFAVVGFLGAGYSFIISAIKINKGPKCLMANSTWGYPFHDG
DYLNDEALWNKCREPLNVVPWNLTLFSILLVGGIQMVLCIQVVNGLLGTLGDCQCCGCCGG
DGPV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

47.8

Interspecies Antigen Sequence

Mouse (88); Rat (88)

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 — TM4SF4

Entrez GeneID [7104](#)**GeneBank Accession#** [NM_004617.2](#)**Protein Accession#** [NP_004608.1](#)**Gene Name** TM4SF4**Gene Alias** FLJ31015, ILTMP, il-TMP**Gene Description** transmembrane 4 L six family member 4**Omim ID** [606567](#)**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 glycoprotein that can regulate cell proliferation. The use of alternate polyadenylation sites has been found for this gene. [provided by RefSeq]

Other Designations intestinal and liver (il) tetraspan membrane protein|transmembrane 4 superfamily member 4