

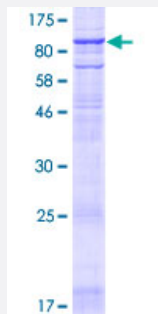
Full-Length

TMC4 (Human) Recombinant Protein (P01)

Catalog # H00147798-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TMC4 full-length ORF (NP_653287.1, 1 a.a. - 706 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEENPTLESEAWGSSRGWLAPREARGGPSLSSVLNELPSAATLRYRDPGVLPWGALEEEEEED
GGRSRKAFTEVTQTELQDPHPSRELWPMQARRAHRQRNASRDQVVGSGTKTDRWARLLRR
SKEKTKEGLRSLQPWAWTLKRIGGQFGAGTESYFSLRFLLLNLVSLVLMACMTLLPTWLGGAP
PGPPGPDISSPCGSYNPHSQGLVTFATQLFNLLSGEGYLEWSPLFYGFYPPRRLAVTYLCWAF
VGLICLLILHRSVSGLKQTLAEESEALTSYSHRVFSAWDFGLCGDVHVRRLRQRILYELKVELEETV
VRRQAAVRTLQQARVWLVRVLLNLLVALLGAIFYGVYATGCTVELQEMPLVQELPLLKLG
NYLPSIFIAGVNFVLPVFKLIAPLEGYTRSRQMFILLRTVFLRLASLVLLFSLWNQITCGGDSEAE
DCKTCGYNYKQLPCWETVLGQEMYKLLFDLLTVLAVALLIQFPRKLLCGLCPGALGRLAGTQEF
QVPDEVGLIYAQTVVWVGSFFCPLLPLNTVKFLLLFYKKLTLFSTCSPAARTFRASAANFFFP
VLLGLAISSVPLLYSIFLIPPSKLCGPFRGQSSMAQIPESISSLPETTQNFLLGTQAFVPLLLIS
SILMAYTVALANSYGRLISELKRQRQTEAQNKVFLARRAVALTSTKPAL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

105.1

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 — TMC4

Entrez GeneID	147798
GeneBank Accession#	NM_144686.1
Protein Accession#	NP_653287.1
Gene Name	TMC4
Gene Alias	MGC39329
Gene Description	transmembrane channel-like 4
Gene Ontology	Hyperlink
Other Designations	-