

Recombinant Full Length Human TMC7 Protein, N-GST-tagged

Cat. No. TMC7-41HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human TMC7 full-length ORF (NP_079123.2, 1 a.a. - 723 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
ProteinLength	1-723 aa
Description	Predicted to enable mechanosensitive ion channel activity. Predicted to be involved in ion transmembrane transport. Predicted to be integral component of plasma membrane.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	110 kDa
AA Sequence	MSESSGSALQPGRPSRQQAVHPENLSLDSSCFSSPPVNFLQELPSYRSIARRRTTV HSRDKQSGTLLKPTDSYSSQLEDRIAENLSSHSLRNYALNISEKRRLRDIQETQM KYL SEWDQWKRYSSKSWKRFLEKAREMTTHLELWREDIRSIEGKFGTGIQSYFSFLRFL VLLNLVIFLIIFMLVLLPVLLTKYKITNSSFVLIPFKDMDKQCTVYPVSSSGLIYFYSYIIDL LSGTGFLEETSLFYGHYTIDEVKFQNFYDLPPLAYLLSTIASLALSLLWIVKRSVEGFKI NLIRSEEHFQSYCNKIFAGWDFCITNRSMADLKHSSRLRYELRADLEEERMQRQKIAER TSEETIRIYSLRFLNCIVLAVLGACFYAIYVATVFSQEHMKKEIDKMVFGENLFILYLP SIVITLANFITPMIFAKIIRYEDYSPGFEIRLTILRCVFMRLATICVLVFTLGSKITSCDDDT

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CDLCGYNQKLYPCWETQVGQEMYKLMIFDFIILAVTLFVDFPRKLLVTYCSSLCKLIQC
 WGQQEFAIPDNVLGIVYGQTICWIGAFFSPLLPAIATLKFIIIFYVKEWSLLYTCRPSR
 PFRASNSNFFFLVLLIGLCLAIPLTISISRIPSSKACGPFTNFNTTWEVIPKTVSTFPS
 SLQSFHGVTSFAFVPFFMIICLIMFYFIALAGAHKRVVIQLREQLSLESRDKCYLIQK
 LTEAQDRMRN

Purity Glutathione Sepharose 4 Fast Flow

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

Quality Control Test 12.5% SDS-PAGE Stained with Coomassie Blue.

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

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Preparation in vitro wheat germ expression system

GENE INFORMATION

Gene Name TMC7 transmembrane channel like 7 [Homo sapiens (human)]

Official Symbol TMC7

Synonyms DKFZp781O2274, FLJ21240

Gene ID 79905

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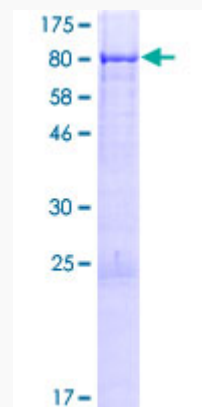
mRNA Refseq NM_024847.4

Protein Refseq NP_079123.3

MIM 617198

UniProt ID Q7Z402

SDS-PAGE



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