

Recombinant Mouse Tmc1 Full Length Transmembrane protein, His-tagged

Cat. No. Tmc1-0284M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tmc1 protein(Q8R4P5)(1-757aa), fused with N-terminal His tag, was expressed in in vitro E. coli expression system.
Species	Mouse
Source	E.coli
ProteinLength	1-757aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	90.1 kDa
AA Sequence	MLQIQVEEKEEDTEESSSEEEEDKLPRRESLRPKRKRTRDVINEDDPEPEPEDEETR KAREKERRRRRLRRGAEEEEEEIDEEELERLKALLDENRQMIATVKCKPWKMEKKIEVL KEAKKFVSENEGALGKGKGKKWF AFKMMMAKKWAKFLRDFENFKAACVPWENKIK AIESQFGSSVAS YFLFLRW MYGVNMVLFVLTFS LIMLPEYLWGLPYGSLPRKTV PRA EEAS AANFGVLYDFNGLAQYSVLFYGYD NKRTIGWLNFR LPLSYFLVGIMCIGYSFL VVLKAMTKNIGDDGGGDDNTFNFSWKVFC SWDY LIGNPETADNKFNSITMNFKEAII EERAAQVEENIHLIRFLRFLANFFVFLTLGASGYLIFWAVKRSQEFAQQDPDTLGWW EKNEMNMVMSLLGMFCPTLFDLFAELEDYHPLIALKWLLGRIFALLLGNLYVFILALM

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DEINNKIEEEKLVKANITLWEANMIKAYNESLSGLSGNTTGAPFFVHPADVPRGPCW
ETMVGQEFVRLTVSDVLTYYVTILIGDFLRACFVRFCNYCWCWDLEYGYPSYTEFDI
SGNVLALIFNQGMIWMGSFFAPSLPGINILRLHTSMYFQCWAVMCCNVPEARVFKAS
RSNNFYLGMLLLILFLSTMPVLYMIVSLPPSFDGPGFSGKNRMFEVIGETLEHDFPSW
MAKILRQLSNPGLVIAVILVMVLTIIYLNATAKGQKAANLDLKKMKQQALENKMRNK
KMAAARAAAAAGGQ

Purity Greater than 85% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

GENE INFORMATION

Gene Name [Tmc1 transmembrane channel-like gene family 1 \[Mus musculus \]](#)

Official Symbol [Tmc1](#)

Synonyms TMC1; transmembrane channel-like gene family 1; transmembrane channel-like protein 1; deafness protein; transmembrane, cochlear expressed 1; transmembrane cochlear-expressed protein 1; dn; Bth; CWEA1; Beethoven; 4933416G09Rik;

Gene ID [13409](#)

mRNA Refseq [NM_028953](#)

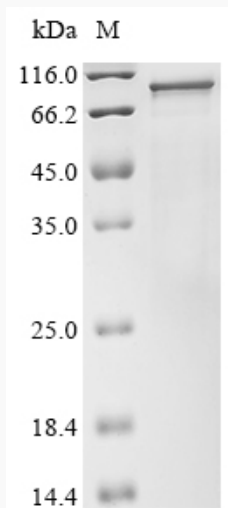
Protein Refseq [NP_083229](#)

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SDS-PAGE



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