

Recombinant Full Length Mouse Transmembrane Channel-Like Protein 1(Tmc1) Protein, His-Tagged

Cat. No. RFL9917MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Transmembrane channel-like protein 1(Tmc1) Protein (Q8R4P5) (1-757aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length (1-757aa)
Form	Lyophilized powder
AA Sequence	MLQIQVEEKEEDTEESSSEEEEDKLPRRESLRPKRKRTRDVINEDDPEPEPEDEETR KAREKERRRRRLRRGAEEEEIEDEELERLKALLDENRQMIATVKCKPWKMEKKIEVL KEAKKFVSENEGALGKGKGGKWF AFKMMMAKKWAKFLRDFENFKAACVPWENKIK AIESQFGSSVAS YFLFLRW MYGVNMVLFVLT FSLIMLPEYLWGLPYGSLPRKTVPRA EEAS AANFGVLYDFNGLAQYSVLFYGYDKNRTIGWLNFR LPLSYFLVGIMCIGYSFL VVLKAMTKNIGDDGGGDDNTFNFSWKVFCSDYLIGNPETADNKFNSITMNFKEAII EERAAQVEENIHLIRFLRFLANFFVFLT LGASGYLIFWAVKRSQEFAQQDPDTLGWW EKNEMNMVMSLLGMFCPTLFDLFAELEDYHPLIA LKWLLGRIFALLGNLYVFILALM DEINN KIEEEKLVKANITLWEANMIKAYNESLSGLSGNTTGAPFFVHPADVPRGPCW ETMVGQEFVRLTVSDVLT TYVTILIGDFLRACFVRFCNYCWCWDLEYGYPSYTEFDI SGNVLALIFNQGM IWMGSFFAPSLPGINILRLHTSMYFQCWAVMCCNVPEARVFKAS RSNNFYLGMLLLILFLSTMPVLYMIVSLPPSFD CGPFSGKNRMFEVIGETLEHDFPSW

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MAKILRQLSNPGLVIAVILVMVLTIIYYLNATAKGQKAANLDLKKKMKQQALENKMRNK
KMAAARAAAAAGGQ Note: The complete sequence including tag sequence, target p
rotein sequence and linker sequence could be provided upon request.

Purity Greater than 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C
for up to one week.

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

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the
contents to the bottom. 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. Our default final
concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name Tmc1

UniProt ID [Q8R4P5](#)

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