

Recombinant Human TRPM1 protein, His&Myc-tagged

Cat. No. TRPM1-764H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TRPM1 protein(Q7Z4N2)(1127-1603aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1127-1603a.a.
Tag	His&Myc
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	61.5 kDa
Purity	Greater than 90% 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	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

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concentration) and aliquot for long-term storage at -20°C/-80°C.

AA Sequence

RCRKKREGDQEERDRGLKLFLSDEELKRLHEFEEQCVQEHFREKEDEQQSSSDERI
 RVTSERVENMSMRLEEINERETFMKTSLQTVDLRLAQLEELSNRMVNALENLAGIDR
 SDLIQARSRASSECEATYLLRQSSINSADGYSLYRYHFNGEELLFEDTSLSTSPGTG
 VRKKTCSFRIKEEKDVKTHLVPECQNSLHLSLGTSTSATPDGSHLAVDDLKNAEESK
 LGPDIGISKEDDERQTDSKKEETISPSLNKTDVIHGQDKSDVQNTQLTVETTNIEGTIS
 YPLEETKITRYFPDETINACKTMKSRSFVYSRGRKLVGGVNQDVEYSSITDQQLTTE
 WQCQVQKITRSHSTDIPYIVSEAAVQAEHKEQFADMQDEHHVAEAIPIRPLSLTITD
 RNGMENLLSVKPDQTLGFPSLRSKSLHGHPRNVKSIQGKLDRSGHASSVSSLVIVS
 GMTAEKKVKKEKASTETEC

GENE INFORMATION

Gene Name [TRPM1 transient receptor potential cation channel, subfamily M, member 1 \[Homo sapiens \]](#)

Official Symbol [TRPM1](#)

Synonyms TRPM1; transient receptor potential cation channel, subfamily M, member 1; melastatin 1 , MLSN1; transient receptor potential cation channel subfamily M member 1; LTRPC1; melastatin-1; long transient receptor potential channel 1; transient receptor potential melastatin family; MLSN1; CSNB1C;

Gene ID [4308](#)

mRNA Refseq [NM_001252020](#)

Protein Refseq [NP_001238949](#)

MIM [603576](#)

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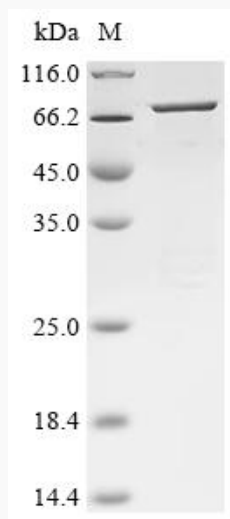
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UniProt ID

Q7Z4N2

SDS-PAGE



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