

Recombinant Human TRPM4 protein, His-tagged

Cat. No. TRPM4-3435H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TRPM4 protein is produced by E. coli-derived, PET28a expression system. This protein is fused with a His tag.
Species	Human
Source	E.coli
ProteinLength	1-350 aa
Form	The purified protein was resolved in 1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.0) added with 300mM Imidazole and 15%glycerol.
Molecular Mass	44 kDa
AA Sequence	MVVPEKEQSWIPKIFKKKTCTTFIVDSTDPGGTLCQCGRPRTAHPAVAMEDAFGA AVVTWWDSDAHTTEKPTDAYGELDFTGAGRKHSNFLRLSDRTDPAAVYSLVTRTWGF RAPNLVSVVLGGSGGPVLQTLWLQDLLRRGLVRAAQSTGAWIVTGGLHTGIGRHVG VAVRDHQMASTGGTKVAMGVAPWGVVRNRDTLINPKGSFPARYRWRGDPEDGV QFPLDYNYSAFFLVDDGTHGCLGGENRFLRLLESYISQQKTGVGGTGIDIPVLLLLID GDEKMLTRIENATQAQLPCLLVAGSGGAADCLAETLEDTLAPGSGGARQGEARDRI RRFFPKGDLEVLQAQ
Applications	Blocking peptide.
Notes	Centrifuge vial before opening. When reconstituting, gently pipet and wash down the

 Tel: 1-631-559-9269 1-516-512-3133

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sides of the vial to ensure full recovery of the protein into solution.

Storage

Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

Shipping

The product is shipped with ice packs. Upon receipt, store it immediately at -20 centigrade to -80 centigrade.

GENE INFORMATION

Gene Name

TRPM4 transient receptor potential cation channel, subfamily M, member 4 [Homo sapiens]

Official Symbol

TRPM4

Synonyms

TRPM4; transient receptor potential cation channel, subfamily M, member 4; FLJ20041; LTrpC4; hTRPM4; melastatin-4; PFHB1B; TRPM4B;

Gene ID

54795

mRNA Refseq

NM_001195227

Protein Refseq

NP_001182156

MIM

606936

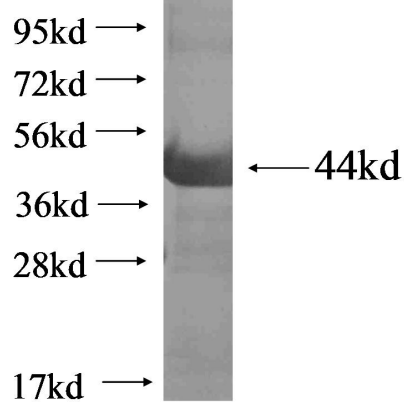
UniProt ID

Q8TD43

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