Recombinant Human TRPM8 protein, His-tagged

Cat. No. TRPM8-3702H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TRPM8 protein(3-192 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	3-192 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
Purity	75%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 μg/μl in 200 μl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.
AA Sequence	SFLPVHTIVLIRENVCKCGYAQSQHMEGTQINQSEKWNYKKHTKEFPTDAFGDIQFE

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	TLGKKGKYIRLSCDTDAEILYELLTQHWHLKTPNLVISVTGGAKNFALKPRMRKIFSRLIYIAQSKGAWILTGGTHYGLMKYIGEVVRDNTISRSSEENIVAIGIAAWGMVSNRDTLIRNCDAEVPVGQEEVC

GENE INFORMATION

Gene Name	TRPM8 transient receptor potential cation channel, subfamily M, member 8 [Homo sapiens]
Official Symbol	TRPM8
Synonyms	TRPM8; transient receptor potential cation channel, subfamily M, member 8; transient receptor potential cation channel subfamily M member 8; trp-p8; LTrpC-6; transient receptor potential p8; short form of the TRPM8 cationic channel; long transient receptor potential channel 6; transient receptor potential subfamily M member 8; TRPP8; LTRPC6; MGC2849
Gene ID	79054
mRNA Refseq	NM_024080
Protein Refseq	NP_076985
MIM	606678
UniProt ID	Q7Z2W7

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