

Recombinant Human TRPM7 protein, His&Flag-tagged

Cat. No. TRPM7-1169HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human TRPM7 protein(NP_060142)(1-1865 aa), fused with His and Flag tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-1865 aa
Form	Lyophilized from a 0.2 µm filtered solution in PBS, pH7.4 with 10% glycerin as protectant.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie Blue Staining.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied; 1 month, 2 to 8 °C under sterile conditions after reconstitution; 3 months, -20 to -70 °C under sterile conditions after reconstitution.
Reconstitution	It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. It can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -

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20°C.

GENE INFORMATION

Gene Name	TRPM7 transient receptor potential cation channel, subfamily M, member 7 [Homo sapiens]
Official Symbol	TRPM7
Synonyms	TRPM7; transient receptor potential cation channel, subfamily M, member 7; transient receptor potential cation channel subfamily M member 7; CHAK1; LTRPC7; TRP PLIK; LTrpC-7; channel-kinase 1; LTRPC ion channel family member 7; long transient receptor potential channel 7; transient receptor potential-phospholipase C-interacting kinase; CHAK; TRP-PLIK; FLJ20117; FLJ25718;
Gene ID	54822
mRNA Refseq	NM_017672
Protein Refseq	NP_060142
MIM	605692
UniProt ID	Q96QT4

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