

Recombinant Rat Trpm7 Protein, His-tagged

Cat. No. Trpm7-344R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Trpm7(Ile19~Gly179) fused with His tag at N-terminal was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Ile19~Gly179
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	21.7kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
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Reconstitution	Reconstitute in PBS or others.
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GENE INFORMATION

Gene Name	Trpm7 transient receptor potential cation channel, subfamily M, member 7 [<i>Rattus norvegicus</i>]
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Official Symbol	Trpm7
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Synonyms	TRPM7; transient receptor potential cation channel, subfamily M, member 7; transient receptor potential cation channel subfamily M member 7; long transient receptor potential channel 7; transient receptor potential-phospholipase C-interacting kinase; Chak; Ltrpc7; LTrpC-7; Trp-plik;
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Gene ID	679906
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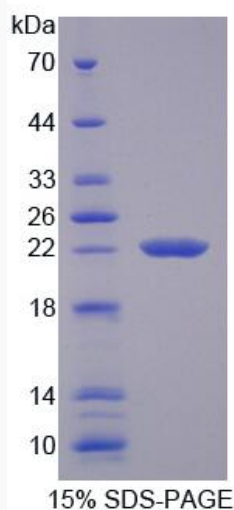
mRNA Refseq	NM_053705
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UniProt ID	Q923J1
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