

Recombinant Human TRPC7, His-tagged

Cat. No. TRPC7-3433H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TRPC7 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	721-781aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	TRPC7 transient receptor potential cation channel, subfamily C, member 7 [Homo sapiens]
Official Symbol	TRPC7
Synonyms	TRPC7; transient receptor potential cation channel, subfamily C, member 7; short transient receptor potential channel 7; TRP-7; hTRP7; transient receptor protein 7; putative capacitative calcium channel; likley ortholog of mouse transient receptor

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	potential cation channel, subfamily C, member 7; TRP7;
Gene ID	57113
mRNA Refseq	NM_001167576
Protein Refseq	NP_001161048
UniProt ID	Q9HCX4
Chromosome Location	5q31.2
Pathway	Axon guidance, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Effects of PIP2 hydrolysis, organism-specific biosystem; Elevation of cytosolic Ca ²⁺ levels, organism-specific biosystem; G alpha (q) signalling events, organi
Function	calcium channel activity; cation channel activity; ion channel activity; receptor activity;