

Recombinant Human TRPC5 Protein (A2-L973 end), 8×His-MBP, Flag tagged

Cat. No. TRPC5-1269H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human 8His-MBP-TEV-(GG)-TRPC5(A2-L973 end)-Flag Protein was expressed in Mammalian cell.
Species	Human
Source	Mammalian Cells
ProteinLength	A2-L973 end
Description	Thought to form a receptor-activated non-selective calcium permeant cation channel. Probably is operated by a phosphatidylinositol second messenger system activated by receptor tyrosine kinases or G-protein coupled receptors. Has also been shown to be calcium-selective. May also be activated by intracellular calcium store depletion. Mediates calcium-dependent phosphatidylserine externalization and apoptosis in neurons via its association with PLSCR1.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.

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Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	20 mM HEPES (pH 7.5), 150 mM NaCl, 0.005% GDN, 0.0005% CHS
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	TRPC5 transient receptor potential cation channel, subfamily C, member 5 [Homo sapiens (human)]
Official Symbol	TRPC5
Synonyms	TRPC5; transient receptor potential cation channel, subfamily C, member 5; short transient receptor potential channel 5; TRP-5; hTRP5; transient receptor protein 5; transient receptor potential channel 5; TRP5;
Gene ID	7224
mRNA Refseq	NM_012471
Protein Refseq	NP_036603
MIM	300334
UniProt ID	Q9UL62

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