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

Cat. No. TRPC5-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human 8His-MBP-TEV-(GG)-TRPC5(A2-L973 end)-Flag was expressed in mammalian cells.
Species	Human
Source	Mammalian Cells
ProteinLength	A2-L973 end
Description	This gene belongs to the transient receptor family. It encodes one of the seven mammalian TRPC (transient receptor potential channel) proteins. The encoded protein is a multi-pass membrane protein and is thought to form a receptor-activated non-selective calcium permeant cation channel. The protein is active alone or as a heteromultimeric assembly with TRPC1, TRPC3, and TRPC4. It also interacts with multiple proteins including calmodulin, CABP1, enkurin, Na(+)-H+ exchange regulatory factor (NHERF), interferon-induced GTP-binding protein (MX1), ring finger protein 24 (RNF24), and SEC14 domain and spectrin repeat-containing protein 1 (SESTD1).
Form	Liquid
Endotoxin	< 0.01 EU/μg of the protein
Purity	90%

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Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade
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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