

Recombinant Mouse Trpc1 Full Length Transmembrane protein, His-tagged

Cat. No. Trpc1-1326M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Trpc1 protein(Q61056)(1-793aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	1-793aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	94.0 kDa
AA Sequence	MMAALYPSTDLSGVSSSSLPSSPSSSSPNEVMALKDVREVKEENTLNEKLFLACDK GDYYMVKKILEENSSGDLNINCVDVLGRNAVTTITENESLDILQLLLDYGCQSADALLV AIDSEVVGAVDILLNHRPKRSSRPTIVKLMERIQNPEYSTTMDVAPVILAAHRNNYEIL TMLLKQDVSLPKPHAVGCECTLCSAKNKKDSLRSRFRLLDIYRCLASPALIMLTEED PILRAFELSADLKELSLVEVEFRNDYEELARQCKMFAKDLLAQARNSRELEVILNHTS SDEPLDKRGLLEERMNLSRLKLAIKYNQKEFVSQSNCQQFLNTVWFGQMSGYRRK PTCKKIMTVLTVGIFWPVLSLCYLIAPKSQFGRIIHTPFMKFIIHGASYFTFLLLNLNLYSL VYNEDKKNTMGPALERIDYLLILWIIGMIWSDIKRLWYEGLEDFLEESRNQLSFVMNS

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LYLATFALKVVAHNKFHDFADRKDWDFAFHPTLVAEGLFAFANVLSYLRLFFMYTTSSI
 LGPLQISMGQMLQDFGKFLGMFLLVLFSFTIGLTQLYDKGYTSKEQKDCVGIFCEQQ
 SNTDFHSFIGTCTFALFWYIFSLAHVAIFVTRFSYGEELQSFVGAVIVGTYNVVVVIVLT
 KLLVAMLHKSFQLIANHEDKEWKFARAKLWLSYFDDKCTLPPPFIIPSPKTICYMISS
 LSKWICSHTSKGKVKRQNSLKEWRNLKQKRDENYQKVMCCLVHRYLTSMRQKMQ
 STDQATVENLNLNRQDLSKFRNEIRDLLGFRTSKYAMFYPRN

Purity Greater than 85% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name [Trpc1 transient receptor potential cation channel, subfamily C, member 1 \[Mus musculus \]](#)

Official Symbol [Trpc1](#)

Synonyms TRPC1; transient receptor potential cation channel, subfamily C, member 1; short transient receptor potential channel 1; TRP-1; trp-related protein 1; transient receptor protein 1; Trp1; Mtrp1; Trrp1;

Gene ID [22063](#)

mRNA Refseq [NM_011643](#)

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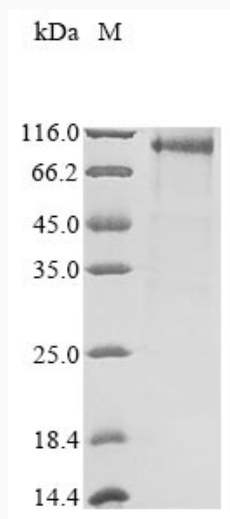
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Protein Refseq

NP_035773

SDS-PAGE

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