

# Recombinant Mouse Trpc1 Full Length Transmembrane protein, His-tagged

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

## SPECIFICATION

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

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 45-1 Ramsey Road, Shirley, NY 11967, USA

LYLATFALKVVAHNKFHDFADRKDWDAFHPTLVAEGLFAFANVLSYLRLFFMYTTSSI  
 LGPLQISMGMQLQDFGKFLGMFLLVLFSFTIGLTQLYDKGYTSKEQKDCVGIFCEQQ  
 SNTDFHSFIGTCFALFWYIFSLAHVAIFVTRFSYGEELQSFVGAVIVGTYNVVVVIVLT  
 KLLVAMLHKSFQLIANHEDKEWKFARAKLWLSYFDDKCTLPPPFIIPSPKTICYMISS  
 LSKWICSHTSKGKVKRQNSLKEWRNLKQKRDENYQKVMCCLVHRYLTSMRQKMQ  
 STDQATVENLNELRQDLSKFRNEIRDLLGFRTSKYAMFYPRN

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

**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple 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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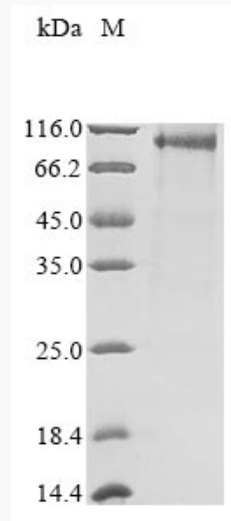
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Protein Refseq

NP\_035773

SDS-PAGE



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