

Recombinant Full Length Mouse Short Transient Receptor Potential Channel 1(Trpc1) Protein, His-Tagged

Cat. No. RFL36736MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Short transient receptor potential channel 1(Trpc1) Protein (Q61056) (1-793aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length (1-793aa)
Form	Lyophilized powder
AA Sequence	MMAALYPSTDLSGVSSSSSLPSSPSSSSPNEVMALKDVREVKEENTLNEKLFLACDK GDYYMVKKILEENSSGDLNINCVDVLGRNAVITITENESLDILQLLLDYGCQSADALLV AIDSEVVGAVDILLNHRPKRSSRPTIVKLMERIQNPEYSTTMDVAPVILAAHRNNYEIL TMLLKQDVSLPKPHAVGCECTLCSAKNKKDSLRSRFRLDIYRCLASPALIMLTEED PILRAFELSADLKELSLVEVEFRNDYEELARQCKMFAKDLLAQARNSRELEVILNHTS SDEPLDKRGLLEERMNLSRLKLAIKYNQKEFVSQSNCCQFLNTVWFGQMSGYRRK PTCKKIMTVLTVGIFWPVLSLCYLIAPKSQFGRIIHTPFMKFIIHGASYFTFLLLNLVSL VYNEDKKNTMGPALERIDYLLILWIGMIWSDIKRLWYEGLEDLEESRNQLSFVMNS LYLATFALKVVAHNKFHDFADRKDWDAFHPTLVAEGLFAFANVLSYLRFFMYTTSSI LGPLQISMGQMLQDFGKFLGMFLLVLFSFTIGLTQLYDKGYTSKEQKDCVGIFCEQQ SNDTFHSTFGTFCFALFWYIFSLAHVAIFVTRFSYGEELQSFVGAVIVGTYNVVVVIVLT KLLVAMLHKSFQLIANHEDKEWKFARAKLWLSYFDDKCTLPPPFNIIPSPKTICYMISS

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

LSKWICSHTSKGKVKRQNSLKEWRNLKQKRDENYQKVMCCLVHRYLTSMRQKMQ
STDQATVENLNELRQDLSKFRNEIRDLLGFRTSKYAMFYPRN Note: The complete s
equence including tag sequence, target protein sequence and linker sequence could
be provided upon request.

Purity Greater than 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C
for up to one week.

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

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the
contents to the bottom. 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%. Customers could use it as reference.

GENE INFORMATION

Gene Name Trpc1

Synonyms Trpc1; Trp1; Trrp1; Short transient receptor potential channel 1; TrpC1; Transient
receptor protein 1; TRP-1; mTrp1; Trp-related protein 1

UniProt ID [Q61056](#)

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