

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

Cat. No. RFL17363RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Short transient receptor potential channel 1(Trpc1) Protein (Q9QX01) (1-759aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length (1-759)
Form	Lyophilized powder
AA Sequence	<p>MMAALYPSTDLSGVSSSSLPSSPSSSSPNEVMALKDVREVKEENTLNEKLFLLACDK GDY YMVKKILEENSSGDLNINCVDVLGRNAVITITENESLDILQLLLLDYGCQKLMERI QNPEY STTMDVAPVILAAHRNNYEILTMLLKQDVALPKPHAVGCECTLCSAKNKKDS LRHSRFRLLDIYRCLASPALIMLTEEDPILRAFELSADLKELSLVEVEFWNDYEELARQ CKMFAKDLLA QARNSRELEVILNHTSSDEPLDKRGLLEERMNLSRLKLAIKYNQKEF VSQSNCCQFLNTV WFGQMSGYRRKPTCKKIMTVLTVGIFWPVLSLCYLIAPKSQFG RIIHTPFMKFIIHGASY FTFLLLLNLVSLVYNEDKKNTMGPALERIDYLLILWIIGMIWSD IKRLWYEGLEDFLEES RNQLSFVMNSLYLATFALKVVAHNKFHDFADRKDWDADFHP TLVAEGLFANVLSYLRLF FMYTTSSILGPLQISMGQMLQDFGKFLGMFLLVLSFT IGLTQLYDKGYTSKEQKDCVGI FCEQQSNDTFHSFIGTCFALFWYIFSLAHVAIFVTR FSYGEELQSFVAVIVGTYNVVVV IVLTKLLVAMLHKSFQLIANHEDKEWKFARAKL WLSYFDDKCTLPPPFNIIPSPKTICYM ISSLSKWVCSHTSKGKVRRQNSLKEWRNLK</p>

 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

QKRDENYQKVMCCLVHRYLTSMRQKMQSTD QATVENLNELRQDLSKFRNEIRDLL
GFRTSKYAMFYPAK

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 multiple 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; Short transient receptor potential channel 1; TrpC1; Transient receptor protein 1; TRP-1

UniProt ID [Q9QX01](#)

 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