

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	MMAALYPSTDLSGVSSSSLPSSPSSSSPNEVMALKDVREVKEENTLNEKLFLACDK GDY YMVKKILEENSSGDLNINCVDVLGRNAVITITENESLDILQLLLDYGCQKLMEIRI QNPEY STTMDVAPVILAAHRNNYEILTMLLKQDVALPKPHAVGCECTLCSAKNKKDS LRHSRFRLLDIYRCLASPALIMLTEEDPILRAFELSADLKELSLVEVEFWNDYEELARQ CKMFAKDLLAQARNSRELEVILNHTSSDEPLDKRGLLEERMNLSRLKLAIKYNQKEF VSQSNCQQFLNTV WFGQMSGYRRKPTCKKIMTVLTVGIFWPVLSLCYLIAPKSQFG RIIHTPFMKFIIHGASY FTFLLLNLNLSLVYNEDKKNTMGPALERIDYLLILWIIGMIWSD IKRLWYEGLEDFLEES RNQLSFVMNSLYLATFALKVVAHNKFHDFADRKDWDADFHP TLVAEGLFAFANVLSYLRLF FMYTTSSILGPLQISMGMQLQDFGKFLGMFLLVLSFT IGLTQLYDKGYTSKEQKDCVGI FCEQQSNDTFHSHFIGTCFALFWYIFSLAHVAIFVTR FSYGEELQSFVGAVIVGTYNVVVV IVLTKLLVAMLHKSFQLIANHEDKEWKFARAKL WLSYFDDKCTLPPPFNIIPSPKTICYM ISSLSKWVCSHTSKGKVRRQNSLKEWRNLK

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	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 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; Short transient receptor potential channel 1; TrpC1; Transient receptor protein 1; TRP-1
UniProt ID	Q9QX01