

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

Cat. No. RFL11934BF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Bovine Short transient receptor potential channel 1(TRPC1) Protein (O18784) (1-793aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Bovine
Source	E.coli
ProteinLength	Full Length (1-793)
Form	Lyophilized powder
AA Sequence	MMAALYPSTDLSGASSSSLPSSPSSSSPNEVMALKDVREVKEENTLNEKLFLACDK GDY YMVKEILEENSSGDLNINCVDVLGRNAVITITENENLDILQLLLDYGCQSADALL VAIDS EVVGAVDILLNHRPKRSSRPTIVKLMERIQNPEYSTTMDVAPVILAAHRNNYEI LTMLLK QDVSLPKPHAVGCECTLCSAKNKKDSL RHSRFLDIYRCLASPALIMLTEE DPILGAFEL SADLKELSLVEVEFRNDYEELARQCKMFAKDLLAQARNSRELEVILNH TSNDEPLDKRGL LEERMNLSRLKLAIKYNQKEFVSQSNCCQFLNTVWFGQMSGYR RKPTCKKIMTVLTVGIF WPVLSLCYLIAPKSQFGRIIHTPFMKFIHGASYFTFLLLNL YSLVYHEDKKNTMGPAL ERIDYLLILWIIGMIWSDIKRLWYEGLED FLEESRNQLSFV MNSLYLATFALKEEAHNKF HDFADRKDWD AFHPTLVAEGLFAFANVLSYLRLFFYV YTSSILGPLQISMGRMLQDFGKF LGMFLLVLFSTIGLTQLYDKGYTPKEQKDCVGIF CEQQSNDTFHSFIGTCFALFWYIFS LAHVAILCTRF SYGEELQSFVGAFIVGTYNVVV VIVLTKLLVAMLHKS FQLIANHEDKEW KFARAKLWLSYFDDKCTLPPPFNIIPSPKTIC

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	YMISSLSKWICSHTSKGKVKRQNSLKEW RHLNEKRDENYQKVMCCLVRRYLTSMR QKMQSTDQATVENLNELRQDLSKFRNEIRDLLG FRTSKYAMFYPRN
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	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	O18784