

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

MMAALYPSTDLSGASSSSLPSSPSSSSPNEVMALKDVREVKEENTLNEKLFLLACDK
 GDY YMVKEILEENSSGDLNINCVDVLGRNAVITITENENLDILQLLLDYGCQSADALL
 VAIDS EVVGAVDILLNHRPKRSSRPTIVKLMERIQNPEYSTTMDVAPVILAAHRNNYEI
 LTMLLK QDVSLPKPHAVGCECTLCSAKNKKDSL RHSRFRLDIYRCLASPALIMLTEE
 DPILGAFEL SADLKELSLVEVEFRNDYEELARQCKMFAKDLLAQARNSRELEVILNH
 TSNDEPLDKRGL LEERMNLSRLKLAIKYNQKEFVSQSNCCQFLNTVWFGQMSGYR
 RKPTCKKIMTVLTVGIF WPVLSLCYLIAPKSQFGRIIHTPFMKFIIHGASYFTFLLLNL
 YSLVYHEDKKNTMGPAL ERIDYLLILWIIGMIWSDIKRLWYEGLEDFLEESRNQLSFV
 MNSLYLATFALKEEAHNKF HDFADRKDWDADFHPTLVAEGLFAFANVLSYLRLFFYV
 YTSSILGPLQISMGRMLQDFGKF LGMFLLVLFSTIGLTQLYDKGYTPKEQKDCVGIF
 CEQQSNDTFHSFIGTCFALFWYIFS LAHVAILCTRFSYGEELQSFVGAFIVGTYNVVV
 VIVLTKLLVAMLHKSFQLIANHEDKEW 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](https://www.uniprot.org/entry/O18784)

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