

Datasheet for ABIN7555838
TRPS1 Protein (AA 1-1281) (His tag)



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Overview

Quantity:	1 mg
Target:	TRPS1
Protein Characteristics:	AA 1-1281
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRPS1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TRPS1 Protein expressed in mammalian cells.
Sequence:	MVRKKNPPLR NVASEGEGQI LEPIGTESKV SGKNKEFSAD QMSENTDQSD AAELNHKEEH SLHVQDPSSS SKKDLKSAVL SEKAGFNYES PSKGGNFPSF PHDEVTDNRN LAFSSPAAGG VCEPLKSPQR AEADDPQDMA CTPSGDSLET KEDQKMSPKA TEETGQAQSG QANCQGLSPV SVASKNPQVP SDGGVRLNKS KTDLLVNDNP DPAPLSPELQ DFKCNICGYG YYGNDPTDLI KHFRKYHLGL HNRTRQDAEL DSKILALHNM VQFSHSKDFQ KVNRSVFSGV LQDINSSRPV LLNGTYDVQV TSGGTFIGIG RKTPDCQGNT KYFRCKFCNF TYMGNSSTEL EQHFLQTHPN KIKASLPSE VAKPSEKNSN KSIPALQSSD SGDLGKWQDK ITVKAGDDTP VGYSVPIKPL DSSRQNGTEA TSYYWCKFCS FSCSSSSSLK LLEHYGKQHG AVQSGGLNPE LNDKLSRGSV INQNDLAKSS EGETMTKTDK SSSGAKKKDF SSKGAEDNMV TSYNCQFCDF RYSKSHGPDV IVVGPLLRHY QQLHNIHKCT IKHCPFCPRG LCSPEKHLGE ITYPFACRKS NCSHCALLL HLSPGAAGSS RVKHQCHQCS FTTPDQDVLV FHYESVHESQ ASDVKQEANH LQGSQDQSV KESKEHSCTK CDFITQVEEE ISRHYRRAHS CYKCRQCSFT AADTQSLLEH FNTVHCQEQD

Product Details

ITTANGEEDG HAISTIKKEEP KIDFRVYNLL TPDSKMGEVP SESVVKREKL EEKDGKLEKV
WTESSDDLNR NVTWRGADIL RGSPSYTQAS LGLLTPVSGT QEQTKTLRDS PNVEAAHLAR
PIYGLAVETK GFLQGAPAGG EKSGALPQQY PASGENKSKD ESQSLRRRRR GSGVFCANCL
TTKTSLWRKN ANGGYVCNAC GLYQKLHSTP RPLNIIKQNN GEQIIRRRTR KRLNPEALQA
EQLNKQQRGS NEEQVNGSPL ERRSEDHLTE SHQREIPLPS LSKYEAQGS LTKSHSAQQPV
LVSQTLDIHK RMQPLHIQIK SPQESTGDPG NSSSVSEGKG SSERGSPIEK YMRPAKHPNY
SPPGSPIEKY QYPLFGLPFV HNDFQSEADW LRFWSKYKLS VPGNPHYLSH VPGLPNPCQN
YVPYPTFNLP PHFSAVGSDN DIPLDLAIKH SRPGPTANGA SKEKTKAPPN VKNEGPLNVV
KTEKVDRSTQ DELSTKCVHC GIVFLDEVMY ALHMSCHGDS GPFQCSICQH LCTDKYDFTT
HIQRGLHRNN AQVEKNGKPK E **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: TRPS1

Target Details

Alternative Name:	TRPS1 (TRPS1 Products)
Background:	Zinc finger transcription factor Trps1 (Tricho-rhino-phalangeal syndrome type I protein) (Zinc finger protein GC79),FUNCTION: Transcriptional repressor. Binds specifically to GATA sequences and represses expression of GATA-regulated genes at selected sites and stages in vertebrate development. Regulates chondrocyte proliferation and differentiation. Executes multiple functions in proliferating chondrocytes, expanding the region of distal chondrocytes, activating proliferation in columnar cells and supporting the differentiation of columnar into hypertrophic chondrocytes. {ECO:0000269 PubMed:12885770, ECO:0000269 PubMed:17391059}.
Molecular Weight:	141.5 kDa
UniProt:	Q9UHF7
Pathways:	Protein targeting to Nucleus

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months