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Datasheet for ABIN7555751

TBC1D1 Protein (AA 1-1168) (His tag)

Overview

Quantity:	1 mg
Target:	TBC1D1
Protein Characteristics:	AA 1-1168
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TBC1D1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TBC1D1 Protein expressed in mammalian cells.
Sequence:	<p>MEPITFTARK HLLSNEVSVD FGLQLVGSPL VHSLTTPMPL PWVVAEVRRL SRQSTRKEPV TKQVRLCVSP SGLRCEPEPG RSQQWDPLIY SSIFECKPQR VHKLHNSHD PSYFACLIKE DAVHRQSICY VFKADDQTKV PEIISIRQA GKIARQEELH CPSEFDDTFS KKFEVLFCGR VTVAHKKAPP ALIDECIEKF NHVSGSRGSE SPRPNPPHAA PTGSQEPVRR PMRKSFSQPG LRSLAFRKEL QDGGLRSSGF FSSFEEEDIE NHLISGHNIV QPTDIEENRT MLFTIGQSEV YLISPDTKKI ALEKNFKEIS FCSQGIRHVD HFGFICRESS GGGGFHFVCY VFQCTNEALV DEIMMTLKQA FTVAAVQQT KAPAQLCEGC PLQSLHKLCE RIEGMNSSKT KLELQKHLTT LTNQEQATIF EEVQKLRPRN EQRENELIIS FLRCLYEEKQ KEHIHIGEMK QTSQMAAENI GSELPPSATR FRLDMLKNKA KRSLTESLES ILSRGNKARG LQEHISISVDL DSSLSSTLSN TSKEPSVCEK EALPISESSF KLLGSSDLS SDESSEHLPEE PAPLSPQAF RRRANTLSHF PIECQEPQP ARGSPGVSQR KLMRYHSVST ETPHERKDFE SKANHLGDSG GTPVKTRRHS WRQQIFLRVA TPQKACDSSS RYEDYSELGE LPPRSPLPV CEDGPFGPPP EEKKRTSREL</p>

Product Details

RELWQKAILQ QILLRMEKE NQKLQASEND LLNKRLKLDY EEITPCLKEV TTVWEKMLST
PGRSRIKFDK EKMHSVAVGQG VPRHHRGEIW KFLAEQFHLK HQFPSKQQPK DVPYKELLKQ
LTSQQHAILI DLGRTFPPTH YFSAQLGAGQ LSLYNILKAY SLLDQEVGYC QGLSFVAGIL
LLHMSEEEAF KMLKFLMFDK GLRKQYRPDM IILQIQMYQL SLLLDHYHRD LYNHLEEHEI
GPSLYAAPWF LTMFASQFPL GFVARVFDK FLQGTEVIFK VALSLLGSHK PLILQHENLE
TIVDFIKSTL PNLGLVQMEK TINQVFEMDI AKQLQAYEVE YHVLQEELID SSPLSDNQRK
DKLEKTNSL RKQNLDLLEQ LQVANGRIQS LEATIEKLLS SESKLLQAML TLELERSALL
QTVEELRRRS AEPDREPEC TQPEPTGD **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: TBC1D1

Alternative Name: TBC1D1 ([TBC1D1 Products](#))

Target Details

Background: TBC1 domain family member 1,FUNCTION: May act as a GTPase-activating protein for Rab family protein(s). May play a role in the cell cycle and differentiation of various tissues. Involved in the trafficking and translocation of GLUT4-containing vesicles and insulin-stimulated glucose uptake into cells (By similarity). {ECO:0000250}.

Molecular Weight: 133.1 kDa

UniProt: [Q86T10](#)

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
