

Datasheet for ABIN7563888
TBC1D1 Protein (AA 1-1255) (His tag)



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Overview

Quantity:	1 mg
Target:	TBC1D1
Protein Characteristics:	AA 1-1255
Origin:	Mouse
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:	MEAITFTARK HPPFNEVSVD FGLQLVGLSLP VHSLTTPMPL PWVVAEVRRL SGQCSKKEPR TKQVRLWVSP SGLRCEPDLE KSQPWDPLIC SSIFECKPQR VHKLHNSHD PSYFACLIKE DAAHRQSLCY VFKADDQTKV PEIISIRQA GKIARQEELR CPSEFDDTFA KKFEVLFCGR VTVAHKKAPP ALIDECIEKF NHVSCGRRTD WEAPTGQPSA PGPRPMRKSF SQPGLRSLAF RKEFQDASLR SSTFSSFDND IENHLIGGHN VVQPTDMEEN RTMLFTIGQS EYVLISPDTK KIALEKNFKE ISFCSQGIRH VDHFGFICRE CSGGGSGGFH FVCYVFQCTN EALVDEIMMT LKQAFVAAV QQTAKAPAQL CEGCPLQGLH KLCERIEGMN SSKTKLELQK HLTTLTNQE ATIFEEVQKL RPRNEQRENE LIISFLRCLY EEKQKEHSHT GEPKQTLQVA AENIGSDLPP SASRFRDLSL KNRKRSLTE SLESILSRGN KARGLQDHSV SVDLDSSTSS TLSNTSKELS MGDKAEFPVS ETSFKLLGSS DDLSSDSEGH IAEESALLSP QQAFRRRANT LSHFPVEC PA PPEPAQSSPG VSQRKLMRYH SVSTETPHER NVDHLPGGES QGCPGQPSAP PPPRLNPSAS SPNFFKYLKH NSSGEQSGNA VPKSVSYRNA LRKKLHSSSS VPNFLKFLAP VDENNTCDFK

Product Details

NTNRDFESKA NHLGDTDGTP VKTRRHWSRQ QIFLRVATPQ KACDPSRYE DYSELGELPP
RSPLEPVCEG GPFQPVQEEK RKTSRELREL WKKAILQQIL LLRMEKENQK LQASENDLLN
KRLKLDYEEI TPCLKEVTTV WEKMLSTPGR SKIKFDMEKV HSAVGQGVPR HHRGEIWKFL
AEQFHLKHPF PSKQQPKDVP YKELLKKLTS QQHAILIDLG RTFPTHYFYS AQLGAGQLSL
YNILKAYSLD DQEVGYCQGL SFVAGILLH MSEEEAFKML KFLMFDMLR KQYRPMIIL
QIQMYQLSRL LHDYHRDLYN HLEEHEIGPS LYAAPWFLTV FASQFPLGFV ARVFDMIPLQ
GSEVIFKVAL SLLGSHKPLI LQHENLETIV DFIKNTLPNL GLVQMEKTIS QVFEMDIAKQ
LQAYEVEYHV LQEELIESP LSDNQRMEKL EKTNSSLRKQ NLDLLEQLQV ANARIQSLEA
TVEKLLTSES KLKQAALTLE VERSALLQMV EELRRQSARP STPEPDCTQL EPTGD **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

Target Details

Alternative Name:	Tbc1d1 (TBC1D1 Products)
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. {ECO:0000269 PubMed:19740738}.
Molecular Weight:	142.0 kDa
UniProt:	Q60949

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