

AR51233PU-N

Human TBC1D1 (1-265, His-tag) - Purified

Alternate names:	TBC, TBC1
Quantity:	0.5 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	TBC1 (tre-2/USP6, BUB2, cdc16) domain family, member 1, also known as TBC1D1, may act as a GTPase-activating protein for Rab family protein(s). This protein may play a role in the cell cycle and differentiation of various tissues. This protein is involved in the trafficking and translocation of GLUT4-containing vesicles and insulin-stimulated glucose uptake into cells.
Uniprot ID:	Q8NC59
NCBI:	NP_001240842
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea
Description:	Recombinant human TBC1D1 protein, fused to His-tag at N-terminus, was expressed in E.coli. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSMSEEEAF KMLKFLMFDM GLRKQYRPDM IILQIQMYQL SRLLDYHRD LYNHLEEHEI GPSLYAAPWF LTMFASQFPL GFVARVFDMI FLQGTEVIFK VALSLLGSHK PLILQHENLE TIVDFIKSTL PNLGLVQMEK TINQVFEMDI AKQLQAYEVE YHVLQEELID SSPLSDNQRM DKLEKTNSSL RKQNLDLLEQ LQVANGRIQS LEATIEKLLS SESKLKQAML TLELERSALL QTVEELRRRS AEPSDREPEC TQPEPTGD Molecular weight: 33.2 kDa (288aa)
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Stone S., et al. (2006) Hum. Mol. Genet. 15:2709-2720 Meyre D., et al. (2008) Hum. Mol. Genet. 17:1798-1802

Pictures:

