

**AR51233PU-S****Human TBC1D1 (1-265, His-tag) - Purified**

<b>Alternate names:</b>	TBC, TBC1
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	1.0 mg/ml (determined by Bradford assay)
<b>Background:</b>	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.
<b>Uniprot ID:</b>	<a href="#">Q8NC59</a>
<b>NCBI:</b>	<a href="#">NP_001240842</a>
<b>Species:</b>	Human
<b>Source:</b>	E. coli
<b>Format:</b>	<b>State:</b> Liquid purified protein <b>Purity:</b> >90% by SDS - PAGE <b>Buffer System:</b> 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea
<b>Description:</b>	Recombinant human TBC1D1 protein, fused to His-tag at N-terminus, was expressed in E.coli. <b>AA Sequence:</b> MGSSHHHHHH SSGLVPRGSH MGSMSSEEEAF KMLKFLMFDM GLRKQYRPDM IILQIQMYQL SRLLHDYHRD LYNHLEEHEI GPSLYAAPWF LTMFASQFPL GFVARVFDMI FLQGTEVIFK VALSLLGSHK PLILQHENLE TIVDFIKSTL PNLGLVQMEK TINQVFEMDI AKQLQAYEVE YHVLQEELID SSPLSDNQRN DKLEKTNSSL RKQNLDLLEQ LQVANGRIQS LEATIEKLLS SESKLKQAML TLELERSALL QTVEELRRRS AEPSDREPEC TQPEPTGD <b>Molecular weight:</b> 33.2 kDa (288aa)
<b>Storage:</b>	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.
<b>General Readings:</b>	Stone S., et al. (2006) Hum. Mol. Genet. 15:2709-2720 Meyre D., et al. (2008) Hum. Mol. Genet. 17:1798-1802

Pictures:

