

Product datasheet for **AR51233PU-N**

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

Product data:

Product Type:	Recombinant Proteins
Description:	TBC1D1 (1-265, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMSEEEAF KMLKFLMFDM GLRKQYRPDM IILQIQMYQL SLLLDHYHRD LYNHLEEHEI GPSLYAAPWF LTMFASQFPL GFVARVFDI FLQGTEVIFK VALSLLGSHK PLILQHENLE TIVDFIKSTL PNLGLVQMEK TINQVFEMDI AKQLQAYEVE YHVLQEELID SSPLSDNQRM DKLEKTNSL RKQNLDLLEQ LQVANGRIQS LEATIEKLLS SESKLLQAML TLELERSALL QTVEELRRRS AEPDREPEC TQPEPTGD
Tag:	His-tag
Predicted MW:	33.2 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: This purified protein is available in a denatured form, making it less suitable for functional studies. Denatured proteins are better suited for applications like Western Blot (WB) or imaging assays. State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.4M Urea
Preparation:	Liquid purified protein
Protein Description:	Recombinant human TBC1D1 protein, fused to His-tag at N-terminus, was expressed in E.coli.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001240841
Locus ID:	23216
UniProt ID:	Q86TI0 , Q8NC59
Cytogenetics:	4p14
Synonyms:	TBC, TBC1



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Summary:

TBC1D1 is the founding member of a family of proteins sharing a 180- to 200-amino acid TBC domain presumed to have a role in regulating cell growth and differentiation. These proteins share significant homology with TRE2 (USP6; MIM 604334), yeast Bub2, and CDC16 (MIM 603461) (White et al., 2000 [PubMed 10965142]).[supplied by OMIM, Mar 2008]

Protein Families:

Druggable Genome

Product images: