

TBC1D1, 1-265aa, Human, His tag, E.coli

Cat.NO.: TP04153

3th Edition

Synonyms:TBC1 (tre-2/USP6, BUB2, cdc16) domain family, member 1, TBC, TBC1

Description: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. Recombinant human TBC1D1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea

Molecular Weight:33.2 kDa (288aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMSEEEAFKMLKFLMFDMLRQYRPDMII LQIQMYQLSRLLHDYHRDLYNHL
EEHEIGPSLYAAPWFLTMFASQFPLGFVARVFD MIFLQGTEVIFKVALSLLGSHKPLILQHENLETIVDFIKSTLPNLGL
VQMEKTINQVFEMDI AKQLQAYEVEYHVLQEELIDSSPLSDNQRM DKLEKTNSSLRKQNLDLLEQLQVANGRIQSLE
ATIEKLLSSESCLKQAMLTLELERSALLQTVEELRRRSAEPSDREPECTQPEPTGD

Purity:> 95% by HPLC

Concentration:1mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.