9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

TBC1D1 Human

TBC1 Domain Family, Member 1 Human Recombinant
RCP2328

Product Overview

Name	TBC1D1 Human
Description	
TBC1 Domain Family, Member 1 Human Recombinant	
Accession (Primary)	Q86TI0
Synonyms	
TBC1 (Tre-2/USP6, BUB2, Cdc16) Domain Family, Member 1, KIAA1108, TBC, TBC1, TBC1 Domain Family Member 1.	
Introduction	
TBC1D1 belongs to a family of proteins sharing a 180-200 a.a TBC domain having a role in regulating cell growth and differentiation of various tissues. These proteins share significant homology with TRE2, yeast Bub2, and CDC16. TBC1D1 function as a GTPase-activating protein for Rab family proteins. TBC1D1 is involved in the trafficking and translocation of GLUT4-containing vesicles. Among the diseases associated with TBC1D1 are tuberculous meningitis, and meningitis.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
TBC1D1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MSEEEAF KMLKFLMFDM GLRKQYRPDM IILQIQMYQL SRLLHDYHRD LYNHLEEHEI GPSLYAAPWF LTMFASQFPL GFVARVFDMI FLQGTEVIFK VALSLLGSHK PLILQHENLE TIVDFIKSTL PNLGLVQMEK TINQVFEMDI AKQLQAYEVE YHVLQEELID SSPLSDNQRM DKLEKTNSSL	

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RKQNLDLLEQ LQVANGRIQS LEATIEKLLS SESKLKQAML TLELERSALL QTVEELRRRS AEPSDREPEC TQPEPTGD

Precautions

TBC1D1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q86TI0)