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### Recombinant human TBC1D13 protein

Catalog Number: ATGP2298

#### **PRODUCT INFORMATION**

#### **Expression system**

E.coli

#### **Domain**

1-400aa

#### UniProt No.

O9NVG8

#### **NCBI Accession No.**

NP 060671

#### **Alternative Names**

TBC1 domain family member 13, RP11-545E17.5

#### **PRODUCT SPECIFICATION**

#### **Molecular Weight**

48.9 kDa (423aa) confirmed by MALDI-TOF

#### Concentration

1mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

#### **Purity**

> 95% by SDS-PAGE

#### Tag

His-Tag

#### **Application**

SDS-PAGE

#### **Storage Condition**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

#### **BACKGROUND**

#### **Description**

TBC1D13 contains 1 Rab-GAP TBC domain. This protein may act as a GTPase-activating protein for Rab family protein. Recombinant human TBC1D13 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

#### **Amino acid Sequence**

<MGSSHHHHHH SSGLVPRGSH MGS>MSSLHKS RIADFQDVLK EPSIALEKLR ELSFSGIPCE GGLRCLCWKI LLNYLPLERA SWTSILAKOR ELYAOFLREM IIQPGIAKAN MGVSREDVTF EDHPLNPNPD SRWNTYFKDN EVLLQIDKDV RRLCPDISFF



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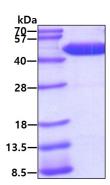
QRATDYPCLL ILDPQNEFET LRKRVEQTTL KSQTVARNRS GVTNMSSPHK NSVPSSLNEY EVLPNGCEAH WEVVERILFI YAKLNPGIAY VQGMNEIVGP LYYTFATDPN SEWKEHAEAD TFFCFTNLMA EIRDNFIKSL DDSQCGITYK MEKVYSTLKD KDVELYLKLQ EQNIKPQFFA FRWLTLLLSQ EFLLPDVIRI WDSLFADDNR FDFLLLVCCA MLMLIREQLL EGDFTVNMRL LQDYPITDVC QILQKAKELQ DSK

#### **General References**

Ishibashi K, Kanno E, et al. (2009). Genes Cells. 14(1):41-52.

### **DATA**

#### **SDS-PAGE**



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

