

# Recombinant human TBC1D13 protein

Catalog Number: ATGP2298

## PRODUCT INFORMATION

---

### Expression system

E.coli

### Domain

1-400aa

### UniProt No.

Q9NVG8

### 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 SGLVPRGSH MGS>MSSLHKS RIADFQDVLK EPSIALEKLR ELSFSGIPCE GGLRCLCWKI LLNYLPLERA  
SWTSILAKQR ELYAQFLREM IIQPGIAKAN MGVSREDVTF EDHPLNPNPD SRWNTYFKDN EVLLQIDKDV RRLCPDISFF

# Recombinant human TBC1D13 protein

Catalog Number: ATGP2298

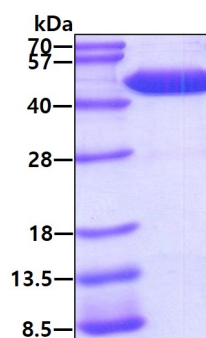
QRATDYPCLL ILDPQNEFET LRKRVEQTTL KSQTVARNRS GVTNMSSPHK NSVPSSLNEY EVLPNGCEAH WEVVERILFI  
YAKLNPGIAY VQGMNEIVGP LYYTFATDPN SEWKEHAEAD TFFCFTNLMA EIRDNFIKSL DDSQCGITYK MEKVYSTLKD  
KDVELYLKLO EQNIKPQFFA FRWLTLSSQ EFLLPDVIRI WDSLFADDNR FDFLLLVCCA MLMLIREQLL EGDFTVNMRL  
LQDYPITDVC QILQKAKELQ DSK

## 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.