

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 SSGLVPRGSH MGS>MSSLHKS RIADFQDVLK EPSIALEKLR ELSFSGIPCE GGLRCLCWKI LLNYLPLERA
SWTSILAKQR ELYAQFLREM IIQPGIAKAN MGVSREDVTF EDHPLNPND SRWNTYFKDN EVLLQIDKDV RRLCPDISFF

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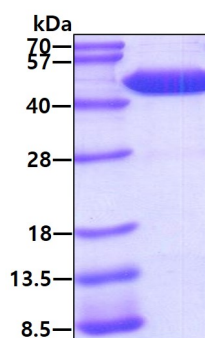
QRATDYPCLL ILDPQNEFET LRKRVEQTTL KSQTVARNRS GVTNMSSPHK NSVPSSLNEY EVLPNGCEAH WEVVERILFI
YAKLNPGIAY VQGMNEIVGP LYYTFATDPN SEWKEHAEAD TFFCFTNLMA EIRDNFIKSL DDSQCGITYK MEKVYSTLKD
KDVELYLKLQ EQNIKPQFFA FRWLTLLLSQ EFLLPDVIRI WDSLFADDNR FDFLLLVCCA MLMLIREQLL EGDFTVMRL
LQDYPITDVC QILQKAKELQ DSK

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.