

Recombinant human TBC1D22B protein

Catalog Number: ATGP3100

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-505aa

UniProt No.

Q9NU19

NCBI Accession No.

NP_060242.2

Alternative Names

TBC1 domain family member 22B, C6orf197,dj744i24.2

PRODUCT SPECIFICATION

Molecular Weight

61.5 kDa (528aa)

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 30% glycerol, 1mM DTT

Purity

> 80% 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

TBC1D22B also known as TBC1 domain family member 22B. TBC1D22B may act as a GTPase-activating protein for Rab family protein. The Tre-2/Bub2/Cdc16 (TBC) domain is a conserved protein motif that consists of approximately 200 amino acids and is thought to function as a specific Rab-GAP domain. The TBC domain is more than 40 distinct TBC domain-containing proteins have been identified in humans. Recombinant human TBC1D22B was expressed in E. coli and purified by using conventional chromatography techniques

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Amino acid Sequence

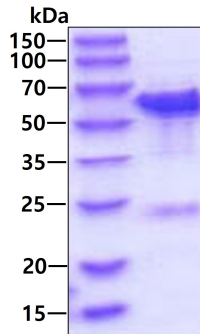
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IKSSSDAQLS RNSSDTCLRN PLHKQQLPL RPIIPLVARI SDQNASGAPP MTVREKTRLE KFRQLSSQN TDLDELKCS
WPGVPREVRP ITWRLLSGYL PANTERRKLT LQRKREEYFG FIEQYYDSRN EEHHQDTYRQ IHIDIPRTNP LIPLFQQPLV
QEIFERILFI WAIRHPASGY VQGINDLVTP FFVVFLESEYV EEDVENFDVT NLSQDMLRSI EADSFWCMSK LLDGIQDNYT
FAQPGIQKKV KALEELVSRI DEQVHNHFRR YEVEYLQFAF RWMNLLMRE LPLRCTIRLW DTYQSEPEGF SHFHLYVCAA
FLIKWRKEIL DEEDFQGLLM LLQNLPTIHW GNEEIGLLLA EAYRLKYMFA DAPNHYRR

General References

Ishibashi K. et al. (2009) Genes Cells 14:41-52.
Mayya V. et al. (2009) Sci. Signal. 2:RA46-RA46.

DATA

SDS-PAGE



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