

AR51920PU-S**Human TBC1D22B (1-505, His-tag) - Purified****Alternate names:**

C6orf197, TBC1 domain family member 22B

Quantity:

10 µg

Concentration:

0.25 mg/ml (determined by bradford assay)

Background:

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

Uniprot ID:[Q9NU19](#)**NCBI:**[NP_060242](#)**GeneID:**[55633](#)**Species:**

Human

Source:

E. coli

Format:**State:** Liquid purified protein**Purity:** >80% by SDS - PAGE**Buffer System:** Phosphate buffered saline (pH7.4) containing 30% glycerol, 1mM DTT.**Description:****AA Sequence:**

MGSSHHHHHH SGLVPRGSH MGSMAAENSK QFWKRSKLP GSIQPVYGAQ HPPLDPRLTK
NFIKERSKVN TVPLKNKKAS SFHEFARNTS DAWDIGDDEE EDFSSPSFQT LNSKVALATA
AQVLENHSLK RVKPERSQST TSDVPANYKV IKSSSDAQLS RNSSDTCLR N PLHKQQLPL
RPIIPLVARI SDQNASGAPP MTVREKTRLE KFRQLLSSQN TDLDELKCS WPGVPREVRP
ITWRLLSGYL PANTERRKLT LQRKREYFG FIEQYYDSRN EEHHQD TYRQ IHIDIPTNP
LIPLFQQPLV QEIFERILFI WAIRHPASGY VQGINDLVTP FFVVFLSEYV EEDVENFDVT
NLSQDMLRSI EADSFWCMSK LLDGIQDNYT FAQPGIQKKV KALEELVSRI DEQVHNHFRR
YEVEYLQFAF RWMNNLLMRE LPLRCTIRLW DTYQSEPEGF SHFHLYVCAA FLIKWRKEIL
DEEDFQGLLM LLQNLPTIHW GNEEIGLLLA EAYRLKYMFA DAPNHYRR

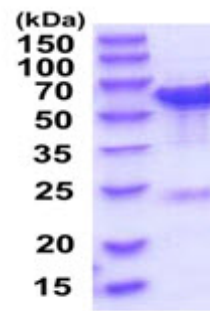
Molecular weight: 61.5 kDa (528aa)**Storage:**Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.
Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

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

Pictures:



15% SDS-PAGE (3ug)