

Recombinant Human TBC1D22B, His-tagged

Cat. No. TBC1D22B-80H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TBC1D22B was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
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.
Form	Liquid. In Phosphate buffered saline (pH7.4) containing 30% glycerol, 1mM DTT
Molecular Mass	61.5kDa (528aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAAENSK QFWKRS AKLP GSIQPVYGAQ HPPLDPRLTK NFIKERSKVN TVPLKNKKAS SFHEFARNTS DAWDIGDDEE EDFSSPSFQT LNSKVALATA AQVLENHSL RVKPERSQST TSDVPANYKV IKSSSDAQLS RNSSDTCLRN PLHKQQSLPL RPIIPLVARI SDQNASGAPP MTVREKTRLE KFRQLLSSQN TDLDELKCS WPGVPREVRP ITWRLLSGYL PANTERRKLT LQRKREEYFG FIEQYYDSRN EEHHQDTYRQ IHIDIPTNP LIPLFQQPLV QEIFERILFI WAIRHPASGY VQGINDLVTP FFVVFLSEYV EEDVENFDVT NLSQDMLRSI EADSFWCMSK LLDGIQDNYT FAQPGIQKKV

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KALEELVSRI DEQVHNHFRR YEVEYLQFAF RWMNNLLMRE LPLRCTIRLW
DTYQSEPEGF SHFHLVCAA FLIKWRKEIL DEEDFQGLLM LLQNLPTIHW
GNEEIGLLLA EAYRLKYMFA DAPNHYRR

Purity >80% by SDS - PAGE

Storage Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

Concentration 0.25mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name [TBC1D22B](#) [TBC1 domain family, member 22B \[Homo sapiens \]](#)

Official Symbol TBC1D22B

Synonyms TBC1D22B; TBC1 domain family, member 22B; C6orf197, chromosome 6 open reading frame 197; TBC1 domain family member 22B; dJ744I24.2; FLJ20337; C6orf197; RP4-744I24.2; MGC125626; MGC125627; DKFZp762J0110;

Gene ID [55633](#)

mRNA Refseq [NM_017772](#)

Protein Refseq [NP_060242](#)

UniProt ID [Q9NU19](#)

Chromosome Location 6p21.2

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Function

GTPase activator activity; Rab GTPase activator activity;

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