

Product datasheet for TP309219M

TRIB1 (NM_025195) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human tribbles homolog 1 (Drosophila) (TRIB1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209219 protein sequence Red =Cloning site Green =Tags(s)
	<p>MRVGPVRSAMSGASQPRGPALLFPATRGVPAKRLLDADDAAAVAAKCPRLSECSSPPDYLSPPGSPSPQ PPPAAPGAGGGSGSAPGPSRIADYLLLPLAEREHVSRALCIHTGRELRCKVFPIKHYQDKIRPIYQLPSH SNITGIVEVILGETKAYVFFEKDFGDMHSYVRSRKRLEEEAARLFKQIVSAVAHCHQSAIVLGDLLKLRK FVFSTEERTQLRLESLEDTHIMKGEDDALS DKHGCPAYVSPEILNTTGTYSGKAADVWSLGVMLYTLVVG RYPFHDS DP SALFSKIRRGQFCIPEHISPKARCLIRSLRREP SERLTAPEILLHPWFESVLEPGYIDSE IGTSDQIVPEYQEDSDISSFFC</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	40.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_079471
Locus ID:	10221



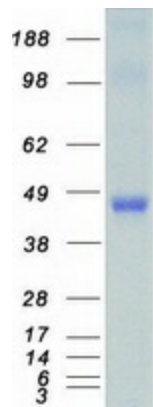
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UniProt ID: [Q96RU8](#)
RefSeq Size: 3649
Cytogenetics: 8q24.13
RefSeq ORF: 1116
Synonyms: C8FW; GIG-2; GIG2; SKIP1; TRB-1; TRB1

Summary: Adapter protein involved in protein degradation by interacting with COP1 ubiquitin ligase (PubMed:27041596). The COP1-binding motif is masked by autoinhibitory interactions with the protein kinase domain (PubMed:26455797). Serves to alter COP1 substrate specificity by directing the activity of COP1 toward CEBPA (PubMed:27041596). Binds selectively the recognition sequence of CEBPA (PubMed:26455797). Regulates myeloid cell differentiation by altering the expression of CEBPA in a COP1-dependent manner (By similarity). Controls macrophage, eosinophil and neutrophil differentiation via the COP1-binding domain (By similarity). Interacts with MAPK kinases and regulates activation of MAP kinases, but has no kinase activity (PubMed:15299019, PubMed:26455797).[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome, Protein Kinase

Product images:



Coomassie blue staining of purified TRIB1 protein (Cat# [TP309219]). The protein was produced from HEK293T cells transfected with TRIB1 cDNA clone (Cat# [RC209219]) using MegaTran 2.0 (Cat# [TT210002]).