

Product datasheet for TP318225L

FAM89B (NM_001098785) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human family with sequence similarity 89, member B (FAM89B), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218225 representing NM_001098785 Red =Cloning site Green =Tags(s)
	 MNGLPsAEAPGGAGCALAGLPLPRGLSGLLNASGGSWRELERVYSQRSRIHDELSRAARAPDGPRHAAG AANAGPAAGPRRPVNLDSALAALRKEMVGLRQLDMSLLCQLWGLYESIQDYKHLCQDLSFCQDLSSSLHS DSSYPDAGLSDDDEPPDASLPPDPPPLTVPQTHNARDQWLQDAFHISL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	20 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_001092255
Locus ID:	23625
UniProt ID:	Q8N5H3



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RefSeq Size: 1467

Cytogenetics: 11q13.1

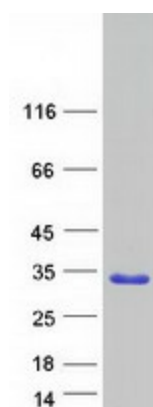
RefSeq ORF: 567

Synonyms: LRAP25; MTRV; MTRV1

Summary: Negatively regulates TGF-beta-induced signaling; in cooperation with SKI prevents the translocation of SMAD2 from the nucleus to the cytoplasm in response to TGF-beta. Acts as an adapter that mediates the specific recognition of LIMK1 by CDC42BPA and CDC42BPB in the lamellipodia. LRAP25-mediated CDC42BPA/CDC42BPB targeting to LIMK1 and the lamellipodium results in LIMK1 activation and the subsequent phosphorylation of CFL1 which is important for lamellipodial F-actin regulation.[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified FAM89B protein (Cat# [TP318225]). The protein was produced from HEK293T cells transfected with FAM89B cDNA clone (Cat# [RC218225]) using MegaTran 2.0 (Cat# [TT210002]).