

Product datasheet for PH318225

FAM89B (NM_001098785) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FAM89B MS Standard C13 and N15-labeled recombinant protein (NP_001092255)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218225
Predicted MW:	20 kDa
Protein Sequence:	>RC218225 representing NM_001098785 Red=Cloning site Green=Tags(s) MNGLPsAEAPGGAGCALAGLPPLPRGLSGLLNASGGSWRELERYVYSQRSRIHDELsRAARAPDGPRHAAG AANAGPAAGPRRPVNLDSALAALRKEMVGLRQLDMSLLCQLWGLYESIQDYKHLcQDLsFCQDLSSSLHS DSSYPpDAGLSDDEEPDASLPPDPPPLTVPQTHNARDQWLQDAFHISL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001092255
RefSeq Size:	1467
RefSeq ORF:	567
Synonyms:	LRAP25; MTRV; MTRV1
Locus ID:	23625
UniProt ID:	Q8N5H3



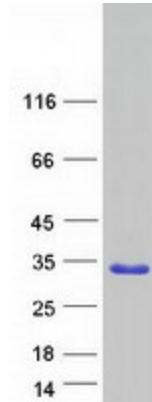
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Cytogenetics: 11q13.1

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]).