

Product datasheet for TP501546

Fam89b (NM_023166) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse family with sequence similarity 89, member B (Fam89b), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201546 protein sequence Red =Cloning site Green =Tags(s)
	MNGLPATEAPGGAGCALAGLPLPRGLSGLLNASGGSWRELERVYSQRSRIHDELSRAARAPDGPRHAAG SANSGSAAGPRRPVNLDALALRKEMLWGLYESIQDYKHLQCQLSLCQDLSSSLHSDSSYPDAGLSDD EPPDASLPPDPPLTVPQTHNARDQWLQDAFQISL
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	18.7 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
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 after receiving vials.
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:	<u>NP_075655</u>
Locus ID:	17826
UniProt ID:	<u>Q7TM17</u>
RefSeq Size:	1190
Cytogenetics:	19 4.34 cM



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RefSeq ORF: 531

Synonyms: 1110021A21Rik; MMTV; Mtvr2

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 (PubMed:12646588). 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 (PubMed:25107909).[UniProtKB/Swiss-Prot Function]