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Product datasheet for TP303943

FAM73B (MIGA2) (NM_032809) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human family with sequence similarity 73, member B (FAM73B), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203943 protein sequence Red=Cloning site Green=Tags(s) MAFRRAEGTSMIQALAMTVAEIPVFLYTTFGQSAFSQLRLTPGLRKVLFATALGTVALALAAHQLKRRRR RKKQVGPEMGGEQLGTVPLPILLARKVPSVKKGYSSRRVQSPSSKSNDTLSGISSIEPSKHSGSSHSVAS MMAVNSSSPTAACSGLWDARGMEESLTTSDGNAESLYMQGMELFEEALQKWEQALSVGQRGDSGSTPMPR DGLRNPETASEPLSEPESQRKEFAEKLESLLHRAYHLQEEFGSTFPADSMLLDLERTLMLPLTEGSLRLR ADDEDSLTSEDSFFSATELFESLQTGDYPIPLSRPAAAYEEALQLVKEGRVPCRTLRTELLGCYSDQDFL AKLHCVRQAFEGLLEDKSNQLFFGKVGRQMVTGLMTKAEKSPKGFLESYEEMLSYALRPETWATTRLELE GRGVVCMSFFDIVLDFILMDAFEDLENPPASVLAVLRNRWLSDSFKETALATACWSVLKAKRRLLMVPDG FISHFYSVSEHVSPVLAFGFLGPKPQLAEVCAFFKHQIVQYLRDMFDLDNVRYTSLPALADDILQLSRRR SEILLGYLGVPAASSAGVNGALPRENGPLGELQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	65.4 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.

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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_116198

Locus ID: 84895

UniProt ID: Q7L4E1

RefSeq Size: 3597

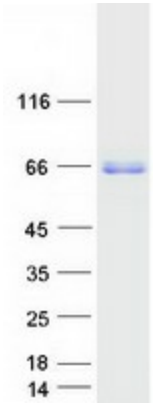
Cytogenetics: 9q34.11

RefSeq ORF: 1779

Synonyms: C9orf54; FAM73B

Summary: Regulator of mitochondrial fusion: acts by forming homo- and heterodimers at the mitochondrial outer membrane and facilitating the formation of PLD6/MitoPLD dimers. May act by regulating phospholipid metabolism via PLD6/MitoPLD.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified MIGA2 protein (Cat# TP303943). The protein was produced from HEK293T cells transfected with MIGA2 cDNA clone (Cat# [RC203943]) using MegaTran 2.0 (Cat# [TT210002]).

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