

Product datasheet for TP501241

Fam96a (NM_026635) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cytosolic iron-sulfur assembly component 2A (Ciao2a), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201241 protein sequence Red=Cloning site Green=Tags(s)
	MERVSGLLSWTLRSVLWLSGFSEHGAAWQPRIMEEKALEVYDLIRTIRDPEKPNTLEELEVVTEESCVEVQ EINEDDYLVIIKFTPTVPHCSLATLIGLCLRVKLRCLPFGKHKLEIYISEGTHSTEEDINKQINDKERVA AAMENPNLREIVEQCVLEPD
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	18.4 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
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_080911</u>
Locus ID:	68250
UniProt ID:	<u>Q9DCL2</u>
RefSeq Size:	1253
Cytogenetics:	9 C



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RefSeq ORF: 483

Synonyms: 5730536A07Rik

Summary: Component of the cytosolic iron-sulfur protein assembly (CIA) complex, a multiprotein complex that mediates the incorporation of iron-sulfur cluster into extramitochondrial Fe/S proteins (PubMed:23891004). As a CIA complex component and in collaboration with CIAO1 specifically matures ACO1 and stabilizes IREB2 (PubMed:23891004). May play a role in chromosome segregation through establishment of sister chromatid cohesion. May induce apoptosis in collaboration with APAF1 (PubMed:25716227).[UniProtKB/Swiss-Prot Function]