

Product datasheet for **TP303357M**

CIAO2A (NM_032231) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human family with sequence similarity 96, member A (FAM96A), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203357 protein sequence Red =Cloning site Green =Tags(s)
	MQRVSGLLSWTLRSVLWLSGLSEPGAARQPRIMEEKALEVYDLIRTIRDPEKPNTLEELEVSESCVEVQ EINEEYLVIRFTPTVPHCSLATLIGLCLRVKLQRCLPFKHKLEIYISEGTHSTEEDINKQINDKERVA AAMENPNLREIVEQCVLEPD
	TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	18.2 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:	<u>NP_115607</u>
Locus ID:	84191
UniProt ID:	<u>Q9H5X1</u>



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RefSeq Size:	1114
Cytogenetics:	15q22.31
RefSeq ORF:	480
Synonyms:	CIA2A; FAM96A
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, connecting cytosolic iron-sulfur protein maturation with cellular iron regulation (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]

Product images:



Coomassie blue staining of purified CIAO2A protein (Cat# [TP303357]). The protein was produced from HEK293T cells transfected with CIAO2A cDNA clone (Cat# [RC203357]) using MegaTran 2.0 (Cat# [TT210002]).