

## Product datasheet for TP303357

### 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, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203357 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MQRVSGLLSWTLRSVLWLSGLSEPGAARQPRIMEEKALEVYDLIRTIRDPEKPNTLEELEVSESCVEVQ EINEEYLVIRFTPTVPHCSLATLIGLCLRVKLQRCLPFKHKLEIYISEGTHSTEEDINKQINDKERVA AAMENPNLREIVEQCVLEPD  <b>TR</b> 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><a href="#">NP_115607</a></u>
Locus ID:	84191
UniProt ID:	<u><a href="#">Q9H5X1</a></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]).