

Recombinant Human CIAO2A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CIAO2A-2095H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FAM96A MS Standard C13 and N15-labeled recombinant protein (NP_115607) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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. 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. May play a role in chromosome segregation through establishment of sister chromatid cohesion. May induce apoptosis in collaboration with APAF1.
Molecular Mass	18.4 kDa
AA Sequence	MQRVSGLLSWTLSRVLWLSGLSEPGAARQPRIMEEKALEVYDLIRTIRDPEKPNLE ELEVVSESCVEVQEINEEEYLVIIRFTPTVPHCSLATLIGLCLRVKLQRCLPFKHKLEIYI SEGTHSTEEDINKQINDKERVAAAMENPNLREIVEQCVLEPDTRTRPLEQKLISEEDL AANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CIAO2A cytosolic iron-sulfur assembly component 2A [Homo sapiens (human)]
Official Symbol	CIAO2A
Synonyms	CIAO2A; cytosolic iron-sulfur assembly component 2A; CIA2A; FAM96A; cytosolic iron-sulfur assembly component 2A; MIP18 family protein FAM96A; family with sequence similarity 96 member A
Gene ID	84191
mRNA Refseq	NM_032231
Protein Refseq	NP_115607
MIM	618382
UniProt ID	Q9H5X1

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SDS-PAGE

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