

Recombinant Human CIAO1 Protein (M1-L339), Tag Free

Cat. No. CIAO1-0615H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GG-CIAO1(M1-L339 end) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	M1-L339
Description	Key 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, interacts specifically with CIAO2A or CIAO2B and MMS19 to assist different branches of iron-sulfur protein assembly, depending of its interactors. The complex CIAO1:CIAO2B:MMS19 binds to and facilitates the assembly of most cytosolic-nuclear Fe/S proteins. CIAO1:CIAO2A specifically matures ACO1 and stabilizes IREB2. Seems to specifically modulate the transactivation activity of WT1. As part of the mitotic spindle-associated MMXD complex it may play a role in chromosome segregation.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80

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	centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	CIAO1 cytosolic iron-sulfur protein assembly 1 [Homo sapiens (human)]
Official Symbol	CIAO1
Synonyms	CIAO1; cytosolic iron-sulfur protein assembly 1; cytosolic iron sulfur protein assembly 1 homolog (S. cerevisiae), WD repeat domain 39, WDR39; probable cytosolic iron-sulfur protein assembly protein CIAO1; CIA1; WD40 protein Ciao1; WD repeat domain 39; WD repeat-containing protein 39; cytosolic iron-sulfur protein assembly 1 homolog; WDR39;
Gene ID	9391
mRNA Refseq	NM_004804
Protein Refseq	NP_004795
MIM	604333
UniProt ID	O76071

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