

Recombinant Human CIAO1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CIAO1-5681H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CIAO1 MS Standard C13 and N15-labeled recombinant protein (NP_004795) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	CIAO1 (Cytosolic Iron-Sulfur Assembly Component 1) is a Protein Coding gene. Diseases associated with CIAO1 include Progressive External Ophthalmoplegia With Mitochondrial Dna Deletions, Autosomal Dominant 6 and Xeroderma Pigmentosum, Variant Type. Among its related pathways are Glucose / Energy Metabolism and Metabolism.
Molecular Mass	37.8 kDa
AA Sequence	MKDSLVLGRVPAHPDSRCWFLAWNPAAGTLLASCGGDRRIRIWGTEGDSWICKSVL SEGHQRTVRKVAWSPCGNYLASASFDATTCIWKKNQDDFECVTTLEGHENEVKS AWAPSGNLLATCSRDKSVWVWEDEEDEYECVSVLNSHTQDVKHVWVHPSQELL ASASYDDTVKLYREEEDDWCCATLEGHESTVWSLAFDPGQRLASCSDDRTVRI WRQYLPNGNEQGVACSGSDPSWKCICTLSGFHSRTIYDIAWCQLTGALATACGDDAI RVFQEDPNSDPQQPTFSLTAHLHQAHSQDVNCVAWNPKEPGLLASCSDDGEVAF WKYQRPEGLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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.

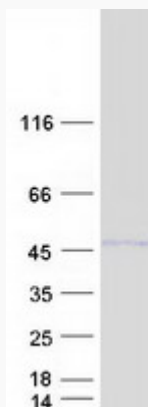
GENE INFORMATION

Gene Name	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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SDS-PAGE

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