Recombinant Human CIAO1, His-tagged

Cat. No. CIAO1-7562H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CIAO1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-339aa
Antigen Description	CIAO1 is essential component of the cytosolic iron-sulfur (Fe/S) protein assembly machinery. This protein is required for the maturation of extra mitochondrial Fe/S proteins and seems to specifically modulate the trans-activation activity of WT1. As part of the mitotic spindle-associated MMXD complex it may play a role in chromosome segregation.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT.
Molecular Mass	40 kDa (362aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMKDSLVL LGRVPAHPDS RCWFLAWNPA GTLLASCGGD RRIRIWGTEG DSWICKSVLS EGHQRTVRKV AWSPCGNYLA SASFDATTCI WKKNQDDFEC VTTLEGHENE VKSVAWAPSG NLLATCSRDK SVWVWEVDEE DEYECVSVLN SHTQDVKHVV WHPSQELLAS ASYDDTVKLY REEEDDWVCC ATLEGHESTV WSLAFDPSGQ RLASCSDDRT VRIWRQYLPG

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	NEQGVACSGS DPSWKCICTL SGFHSRTIYD IAWCQLTGAL ATACGDDAIR VFQEDPNSDP QQPTFSLTAH LHQAHSQDVN CVAWNPKEPG LLASCSDDGE VAFWKYQRPE GL
Purity	>95% as determined by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml

GENE INFORMATION

Gene Name	CIAO1 cytosolic iron-sulfur protein assembly 1 [Homo sapiens]
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

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MIM	604333
UniProt ID	O76071
Chromosome Location	2q11.1-q11.2

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