

Recombinant Full Length Human CISD1 Protein, C-Flag-tagged

Cat. No. CISD1-2118HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CISD1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a protein with a CDGSH iron-sulfur domain and has been shown to bind a redox-active [2Fe-2S] cluster. The encoded protein has been localized to the outer membrane of mitochondria and is thought to play a role in regulation of oxidation. Genes encoding similar proteins are located on chromosomes 4 and 17, and a pseudogene of this gene is located on chromosome 2.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	12 kDa
AA Sequence	MSLTSSSSVRVEWIAAVTIAAGTAAIGYLAYKRFYVKDHRNKAMINLHIQKDNPKIVHAFDMEDLGDKAV YCRCWRSKKFPFCDGAHTKHNEETGDNVGPLIIKKKET TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

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Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transmembrane
Full Length	Full L.

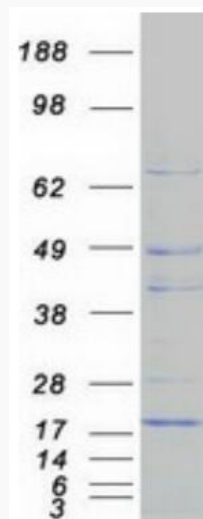
GENE INFORMATION

Gene Name	CISD1 CDGSH iron sulfur domain 1 [Homo sapiens (human)]
Official Symbol	CISD1
Synonyms	ZCD1; MDS029; C10orf70; mitoNEET
Gene ID	55847
mRNA Refseq	NM_018464.5
Protein Refseq	NP_060934.1
MIM	611932
UniProt ID	Q9NZ45

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Coomassie blue staining of purified CISD1 protein.

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