

## Recombinant Human CISD1 protein, His-tagged

Cat. No. CISD1-7153H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CISD1 protein(1-108 aa), fused with N-terminal His tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-108 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>AASequence</b>	MSLTSSSSVRVEWIAAVTIAAGTAAIGYLAYKRFYVKDHRNKAMINLHIQKDNPKIVHAFDMEDLGDKAVYCRWCWRSKKFPFCDGAHTKHNEETGDNVGPLIIKKKET
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
<b>Reconstitution</b>	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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## GENE INFORMATION

**Gene Name** C1SD1 CDGSH iron sulfur domain 1 [ Homo sapiens ]

**Official Symbol** C1SD1

**Synonyms** C1SD1; CDGSH iron sulfur domain 1; C10orf70, chromosome 10 open reading frame 70 , ZCD1, zinc finger, CDGSH type domain 1; CDGSH iron-sulfur domain-containing protein 1; MDS029; mitoNEET; zinc finger CDGSH-type domain 1; zinc finger, CDGSH-type domain 1; CDGSH iron sulfur domain-containing protein 1; ZCD1; C10orf70; MGC14684;

**Gene ID** 55847

**mRNA Refseq** NM\_018464

**Protein Refseq** NP\_060934

**MIM** 611932

**UniProt ID** Q9NZ45

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