Recombinant Human CISD2 protein, His-tagged

Cat. No. CISD2-11254H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CISD2 protein(61-135 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	61-135 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	PKKKQQKDSLINLKIQKENPKVVNEINIEDLCLTKAAYCRCWRSKTFPACDGSHNKH NELTGDNVGPLILKKKEV
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/

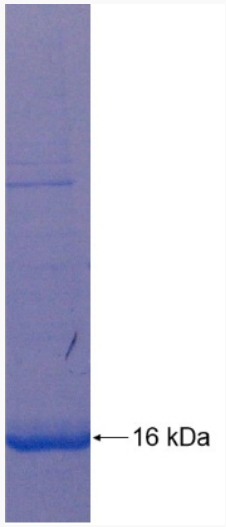
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	μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	CISD2 CDGSH iron sulfur domain 2 [Homo sapiens]
Official Symbol	CISD2
Synonyms	1500009M05Rik; 1500026J14Rik; 1500031D15Rik; AI848398; B630006A20Rik; CDGSH iron sulfur domain 2; CDGSH iron-sulfur domain-containing protein 2; CDGSH type domain 2; CISD2; CISD2_HUMAN; Endoplasmic reticulum intermembrane small protein; ERIS; Miner1; MitoNEET related 1; MitoNEET-related 1 protein; NAF-1; Noxp70; Nutrient deprivation autophagy factor 1; Nutrient-deprivation autophagy factor-1; OTTHUMP00000219576; RGD1566242; WFS2; Zcd2; Zinc finger; Zinc finger, CDGSH type domain 2;
Gene ID	493856
mRNA Refseq	NM_001008388.4
Protein Refseq	NP_001008389.1
MIM	611507
UniProt ID	Q8N5K1

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SDS-PAGE	

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