

Recombinant Human CISD2 protein, GST-tagged

Cat. No. CISD2-301649H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CISD2 protein(61-135 aa), fused with N-terminal GST 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 ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). 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 100 mM reduced glutathione (GSH).
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

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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.

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

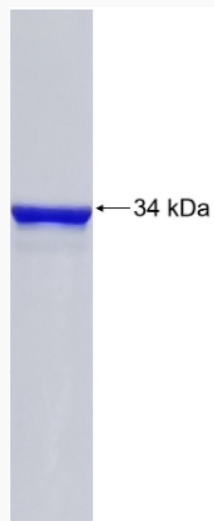
UniProt ID Q8N5K1

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SDS-PAGE



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