Recombinant Human CISD2 Protein, GST-tagged

Cat. No. CISD2-1379H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CISD2 full-length ORF (NP_001008389.1, 1 a.a. - 135 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is a zinc finger protein that localizes to the endoplasmic reticulum. The encoded protein binds an iron/sulfur cluster and may be involved in calcium homeostasis. Defects in this gene are a cause of Wolfram syndrome 2. [provided by RefSeq, Mar 2011]
Molecular Mass	41.7 kDa
AA Sequence	MVLESVARIVKVQLPAYLKRLPVPESITGFARLTVSEWLRLLPFLGVLALLGYLAVRPF LPKKKQQKDSLINLKIQKENPKVVNEINIEDLCLTKAAYCRCWRSKTFPACDGSHNKH NELTGDNVGPLILKKKEV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

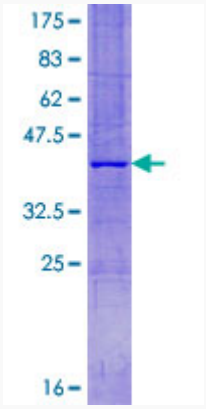
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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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Quality Control Testing:	 12.5% SDS-PAGE Stained with Coomassie Blue.

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