

## Product datasheet for **TP760576**

### **CISD2 (NM\_001008388) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human CDGSH iron sulfur domain 2 (CISD2), full length, with N-terminal HIS tag, expressed in E.Coli, 50ug
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	A DNA sequence encoding human full-length CISD2
<b>Tag:</b>	N-His
<b>Predicted MW:</b>	15.1 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	50 mM Tris-HCl, pH 8.0, 8 M urea
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001008389</a>
<b>Locus ID:</b>	493856
<b>UniProt ID:</b>	<a href="#">Q8N5K1</a>
<b>RefSeq Size:</b>	5892
<b>Cytogenetics:</b>	4q24
<b>RefSeq ORF:</b>	405
<b>Synonyms:</b>	ERIS; Miner1; NAF-1; WFS2; ZCD2



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**Summary:** 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]

**Protein Families:** Transmembrane

**Product images:**

