

Product datasheet for **AR50545PU-N**

CISD1 (32-108, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	CISD1 (32-108, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSKRFYVKD HRNKAMINLH IQKDNPKIVH AFDMEDLGDK AVYCRWCWRK KFPFCDGAHT KHNEETGDNV GPLIIKKKET
Tag:	His-tag
Predicted MW:	11.4 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CISD1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_060934
Locus ID:	55847
UniProt ID:	Q9NZ45 , A0A024QZN7
Cytogenetics:	10q21.1
Synonyms:	C10orf70; MDS029; mitoNEET; ZCD1



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Summary:

This gene encodes a protein with a CDGSH iron-sulfur domain and has been shown to bind a redox-active [2Fe-2S] cluster. The encoded protein has been localized to the outer membrane of mitochondria and is thought to play a role in regulation of oxidation. Genes encoding similar proteins are located on chromosomes 4 and 17, and a pseudogene of this gene is located on chromosome 2. [provided by RefSeq, Feb 2012]

Protein Families:

Transmembrane

Product images: