

AR50545PU-N**Human CISD1 (32-108, His-tag) - Purified**

Alternate names:	C10orf70, CDGSH iron sulfur domain-containing protein 1, MDS029, MitoNEET, ZCD1
Quantity:	0.5 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	CISD1 is a protein with a CDGSH iron-sulfur domain and has been shown to bind a redox-active [2Fe-2S] cluster. The protein has been localized to the outer membrane of mitochondria and is thought to play a role in regulation of oxidation.
Uniprot ID:	Q9NZ45
NCBI:	NP_060934
GeneID:	55847
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Description:	Recombinant human CISD1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHHH SGLVPRGSH MGSKRFYVKD HRNKAMINLH IQKDNPKIVH AFDMEDLGDK AVYCRWCWRSK KFPFCGHAHT KHNEETGDNV GPLIIKKKET Molecular weight: 11.4 kDa (100aa) confirmed by MALDI-TOF
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. Shelf life: one year from despatch.
General Readings:	Zuris JA., et al. (2011). Proc Natl Acad Sci U S A. 9;108(32):13047-52. Conlan AR., et al. (2011). Acta Crystallogr D Biol Crystallogr. 67(Pt 6):516-23.
Pictures:	

