

CISD1, 32-108aa, Human, His tag, E.coli

Cat.NO.: TP01627

3th Edition

Synonyms:CDGSH iron-sulfur domain-containing protein 1, C10orf70; MDS029; mitoNEET; ZCD1.

Description: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.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Molecular Weight:11.4 kDa (100aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSKRFYVKDHRNKAMINLHIQKDNPKIVHAFDMEDLGDKAVYCRCWRSKKFPF
CDGAHTKHNEETGDNVGPLIIKKKET

Purity:> 95% by HPLC

Concentration:0.5 mg/ml

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.