

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

**Cat.NO.: TP01627**

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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:**

MGSSHHHHHHSSGLVPRGSHMGSKRFYVKDHRNKAMINLHIQKDNPKIVHAFDMEDLGDKAVYCRWCWRSKKFPF  
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.