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Product datasheet for TP303308L

CISD1 (NM_018464) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human CDGSH iron sulfur domain 1 (CISD1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203308 protein sequence Red=Cloning site Green=Tags(s) MSLTSSSSVRVEWIAAVTIAAGTAAIGYLAYKRFYVKDHRNKAMINLHIQKDNPKIVHAFDMEDLGDKAV YCRCWRSKKFPFCDGAHTKHNEETGDNVGPLIIKKKET TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	12 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_060934
Locus ID:	55847
UniProt ID:	Q9NZ45, A0A024QZN7
RefSeq Size:	2115
Cytogenetics:	10q21.1

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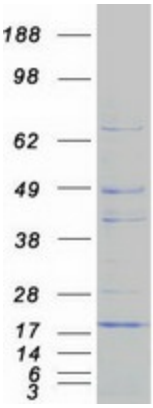
RefSeq ORF: 324

Synonyms: C10orf70; MDS029; mitoNEET; ZCD1

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:



Coomassie blue staining of purified CISD1 protein (Cat# [TP303308]). The protein was produced from HEK293T cells transfected with CISD1 cDNA clone (Cat# [RC203308]) using MegaTran 2.0 (Cat# [TT210002]).