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# CISD1 Human

*CDGSH Iron Sulfur Domain 1 Human Recombinant*
*RCP0441*

## Product Overview

| | |
|---|---|
| Name | CISD1 Human |
| **Description** | |
| CDGSH Iron Sulfur Domain 1 Human Recombinant | |
| Accession (Primary) | Q9NZ45 |
| **Synonyms** | |
| CDGSH Iron Sulfur Domain 1, Chromosome 10 Open Reading Frame 70, CDGSH Iron Sulfur Domain-Containing Protein 1, Zinc Finger CDGSH-Type Domain 1, C10orf70, ZCD1, MitoNEET , MDS029. | |
| **Introduction** | |
| CISD1 protein holds a CDGSH iron-sulfur domain and is known to bind a redox-active [2Fe-2S] cluster. CISD1 is restricted to the outer membrane of mitochondria and takes part in oxidation regulation. | |
| **Source** | |
| E.coli. | |
| **Physical Appearance** | |
| Sterile Filtered colorless solution. | |
| **Formulation** | |
| The CISD1 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 10% glycerol. | |
| **Stability** | |
| Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles. | |
| **Purity** | |
| Greater than 90% as determined by SDS-PAGE. | |
| **Amino acid sequence** | |
| MGSSHHHHHH SSGLVPRGSH MGS KRFYVKD HRNKAMINLH IQKDNPKIVH AFDMEDLGDK AVYCRCWRSK KFPFCDGAHT KHNEETGDNV GPLIIKKKET | |
| **Precautions** | |
| CISD1 Human is for research use only and not for use in diagnostic or therapeutic procedures. | |

## Target Information: ( Q9NZ45 )

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