

## CDGSH Iron Sulfur Domain 1 Human Recombinant

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| <b>Item Number</b>                       | rAP-3840  |
| <b>Synonyms</b>                          | 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.   |
| <b>Description</b>                       | CISD1 Human Recombinant produced in <i>E. coli</i> is a single polypeptide chain containing 100 amino acids (32-108) and having a molecular mass of 11.4 kDa. CISD1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. |
| <b>Uniprot Accesion Number</b>           | Q9NZ45  |
| <b>Amino Acid Sequence</b>               | MGSSHHHHHH SSGLVPRGSH MGSKRFYVKD HRNKAMINLH IQKDNPKIVH AFDMEDLGDK AVYCRCWRSK KFPFCDGAHT KHNEETGDNV GPLIKKKET  |
| <b>Source</b>                            | <i>E.coli</i> .   |
| <b>Physical Appearance and Stability</b> | Sterile Filtered colorless solution. 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.   |
| <b>Formulation and Purity</b>            | The CISD1 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 10% glycerol. Greater than 90% as determined by SDS-PAGE.  |
| <b>Application</b>                       |   |
| <b>Solubility</b>                        |   |
| <b>Biological Activity</b>               |   |
| <b>Shipping Format and Condition</b>     | Lyophilized powder at room temperature.   |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**