

## Recombinant Mouse Cisd1 Protein, Myc/DDK-tagged

**Cat. No.** Cisd1-2168M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length CDGSH iron sulfur domain 1 (Cisd1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                             |
| <b>Species</b>          | Mouse                                                                                                                                                                      |
| <b>Source</b>           | HEK293                                                                                                                                                                     |
| <b>Description</b>      | Plays a key role in regulating maximal capacity for electron transport and oxidative phosphorylation. May be involved in Fe-S cluster shuttling and/or in redox reactions. |
| <b>Molecular Mass</b>   | 12.1 kDa                                                                                                                                                                   |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                              |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                             |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                           |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                      |

### GENE INFORMATION

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|                 |                                                                                                                                                                                                                   |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Cisd1 CDGSH iron sulfur domain 1 [ Mus musculus (house mouse) ]                                                                                                                                                   |
| Official Symbol | Cisd1                                                                                                                                                                                                             |
| Synonyms        | CISD1; CDGSH iron sulfur domain 1; CDGSH iron-sulfur domain-containing protein 1; zinc finger, CDGSH-type domain 1; CDGSH iron sulfur domain-containing protein 1; Zcd1; AU043990; AW743335; mitoNEET; D10Ert214e |
| Gene ID         | 52637                                                                                                                                                                                                             |
| mRNA Refseq     | NM_134007                                                                                                                                                                                                         |
| Protein Refseq  | NP_598768                                                                                                                                                                                                         |
| UniProt ID      | Q91WS0                                                                                                                                                                                                            |

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