

## Recombinant Human CMC2 protein, His-tagged

**Cat. No.** CMC2-3612H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CMC2 protein(1-79 aa), fused to His tag, was expressed in E. coli.                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 1-79 aa                                                                                                                                                                                                                                                                             |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| <b>AA Sequence</b>      | MHPDLSPHLHTEECNVLINLLKECHKHNHNILKFFGYCNDVDRELKCLKNEYVENRT<br>KSREHGIAMRKKLFPPEESEK                                                                                                                                                                                                  |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                            |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.                                                |
| <b>Reconstitution</b>   | Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.<br>Reconstitution with 200 μl 50% glycerol solution is recommended for longer term                                                                                                                        |

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storage.

## GENE INFORMATION

|                 |                                                                                    |
|-----------------|------------------------------------------------------------------------------------|
| Gene Name       | CMC2 COX assembly mitochondrial protein 2 homolog (S. cerevisiae) [ Homo sapiens ] |
| Official Symbol | CMC2                                                                               |
| Synonyms        | DC13; C16orf61; 2310061C15Rik                                                      |
| Gene ID         | 56942                                                                              |
| mRNA Refseq     | NM_020188.3                                                                        |
| Protein Refseq  | NP_064573.1                                                                        |
| UniProt ID      | Q9NRP2                                                                             |

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