

Recombinant Human CMC1, His-tagged

Cat. No. CMC1-15906H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CMC1 protein, fused to His tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-106aa
Description	CMC1 is required for mitochondrial cytochrome c oxidase (COX) assembly and respiration. It binds copper and may be involved in copper trafficking and distribution to COX and SOD1.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol
Molecular Mass	14.9kDa (129aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMALDPAD QHLRHVEKDV LIPKIMREKA KERCSEQVQD FTKCKNSGV LMVVKCRKEN SALKECLTAY YNDPAFYEEC KMEYLKEREE FRKTGIPTKK RLQKLPTSM
Purity	>85% by SDS - PAGE
Applications	SDS-PAGE

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Storage	Can be stored at 4°C short term. For long term storage, aliquot and store at at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	CMC1 COX assembly mitochondrial protein 1 homolog (S. cerevisiae) [Homo sapiens (human)]
Official Symbol	CMC1
Synonyms	CMC1; COX assembly mitochondrial protein 1 homolog (S. cerevisiae); C3orf68; cmc1p; mitochondrial metallochaperone-like protein; CX9C mitochondrial protein required for full expression of COX 1
Gene ID	152100
mRNA Refseq	NM_182523
Protein Refseq	NP_872329
UniProt ID	Q7Z7K0
Chromosome Location	3p24.1

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