

**CMC1, 1-106aa, Human, His tag, E.coli**

**Cat.NO.: TP01655**

3th Edition

**Synonyms:**COX assembly mitochondrial protein homolog, C3orf68

**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. Recombinant human CMC1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol

**Molecular Weight:**14.9kDa (129aa)

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSMALDPADQHRLRHVEKDVLPKIMREKAKERCSEQVQDFTKCKNSGVLMVV  
KCRKENSALKECLTAYYNDPAFYEECKMEYLKEREFRKTGIPTKKRLQKLPTSM

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.