

AR51086PU-N**Human CMC1 (1-106, His-tag) - Purified**

Alternate names:	C3orf68, COX assembly mitochondrial protein homolog, Cmc1p
Quantity:	0.5 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	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 express
Uniprot ID:	Q7Z7K0
NCBI:	NP_872329
GeneID:	152100
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol
Description:	AA Sequence: MGSSHHHHHH SGLVPRGSH MGSMLDPAD QHLRHVEKDV LIPKIMREKA KERCSEQVQD FTKCKNSGV LMVVKCRKEN SALKECLTAY YNDPAFYEEC KMEYLKEREE FRKTGIPTKK RLQKLP TSM Molecular weight: 14.9 kDa (129aa)
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Hendrickson, S.L., et al. (2010) PLoS ONE 5 (9), E12862Horn, D., et al. (2008) Mol. Cell. Biol. 28 (13), 4354-4364
Pictures:	

