

## Cytochrome C Oxidase Assembly Factor 4 Human Recombinant

<b>Item Number</b>	rAP-4172
<b>Synonyms</b>	CHCHD8, CMC3, E2IG2, Cytochrome c oxidase assembly factor 4 homolog, mitochondrial, Coiled-coil-helix-coiled-coil-helix domain-containing protein 8, E2-induced gene 2 protein, COA4.
<b>Description</b>	COA4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 110 amino acids (1-87 a.a) and having a molecular mass of 12.5kDa. COA4 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	Q9NYJ1
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMSTSVQP GHTWTQRVKK DDEEEDPLDQ LISRSGCAAS HFAVQECMAQ HQDWRQCQPQ VQAFKDCMSE QQARRQEELQ RRQEQAGAAH.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	COA4 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**