

32-3566: COA4 Recombinant Protein

Alternative Name : 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.

Description

Source : Escherichia Coli. 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. Cytochrome c oxidase assembly factor 4 (COA4) is the last enzyme of the mitochondrial respiratory chain which needs a great number of accessory factors. COA4 is vital for oxidative phosphorylation and comprises multiple complexes including cytochrome c oxidase, assembled in macromolecular supercomplexes. COX4 is a protein-coding gene which defect in it causes an acute human encephalomyopathies.

Product Info

Amount : 10 µg
Purification : Greater than 90.0% as determined by SDS-PAGE.
Content : COA4 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.
Storage condition : 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.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSMTSVLPQ GHTWTQRVKK DDEEDPLDQ LISRSGCAAS HFAVQECMAQ HQDWRQCQPQ VQAFKDCMSE QQARRQEELQ RRQEQAGAAH.

