Recombinant Human COA5 Protein, GST-tagged

Cat. No. COA5-1614H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human COA5 full-length ORF (ADR82642.1, 1 a.a. - 74 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes an ortholog of yeast Pet191, which in yeast is a subunit of a large oligomeric complex associated with the mitochondrial inner membrane, and required for the assembly of the cytochrome c oxidase complex. Mutations in this gene are associated with mitochondrial complex IV deficiency, a disorder of the mitochondrial respiratory chain with heterogeneous clinical manifestations, ranging from isolated myopathy to a severe disease affecting several tissues and organs. [provided by RefSeq, Dec 2011]
Molecular Mass	8.2 kDa
AA Sequence	MPKYYEDKPQGGACAGLKEDLGACLLQSDCVVQEGKSPRQCLKEGYCNSLKYAFF ECKRSVLDNRARFRGRKGY
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	COA5 cytochrome c oxidase assembly factor 5 [Homo sapiens (human)]
Official Symbol	COA5
Synonyms	COA5; cytochrome c oxidase assembly factor 5; Cytochrome C Oxidase Assembly Factor 5; C2orf64; Chromosome 2 Open Reading Frame 64; Protein C2orf64; 6330578E17Rik; CEMCOX3; Pet191; Pet191; C2orf64; CEMCOX3; 6330578E17Rik; cytochrome c oxidase assembly factor 5; protein C2orf64
Gene ID	493753
mRNA Refseq	NM_001008215
Protein Refseq	NP_001008216
MIM	613920
UniProt ID	Q86WW8

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA