

Recombinant Human COA1 Protein (38-146 aa), GST-tagged

Cat. No. COA1-371H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human COA1 Protein (38-146 aa) is produced by E. coli expression system. This protein is fused with a GST tag at the N-terminal. Research Area: Cancer. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	38-146 aa
Description	Component of some MITRAC complex, a cytochrome c oxidase (COX) assbly intermediate complex that regulates COX assbly. MITRAC complexes regulate both translation of mitochondrial encoded components and assbly of nuclear-encoded components imported in mitochondrion. Required for assbly of mitochondrial respiratory chain complex I and complex IV.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	39.4 kDa
AA Sequence	QKFHSRALYYKLAVEQLQSHPEAQEALGPPLNIHYLKLIDRENFVDIVDAKLKIPVSGS KSEGLLYVHSSRGGPFQRWHLDEVFLELKDGQQIPVFKLSGENGDEVKKE
Purity	> 90% as determined by SDS-PAGE.

 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	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.

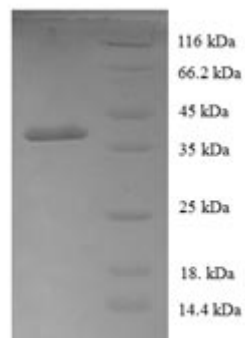
GENE INFORMATION

Gene Name	COA1 cytochrome c oxidase assembly factor 1 homolog [Homo sapiens (human)]
Official Symbol	COA1
Synonyms	C7orf44; MITRAC15;
Gene ID	55744
mRNA Refseq	NM_001321197
Protein Refseq	NP_001308126
UniProt ID	Q9GZY4

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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