

Recombinant Human COX15

Cat. No. COX15-2395H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human COX15 (aa 448-568) is expressed in <i>E.coli</i> . MW=37kDa.
Species	Human
Source	E.coli
ProteinLength	448-568 a.a.
Description	Cytochrome c is an electron transporting protein that resides within the inter-membrane space of the mitochondria, where it plays a critical role in the process of oxidative phosphorylation and production of cellular ATP. An increasing amount of interest has been directed toward the role which cytochrome c has been demonstrated to play in apoptotic processes. Following exposure to apoptotic stimuli, cytochrome c is rapidly released from the mitochondria into the cytosol, an event which may be required for the completion of apoptosis in some systems. Cytosolic cytochrome c functions in the activation of caspase-3, and ICE family molecule that is a key effector of apoptosis.
Presentation	100µl purified human MET protein at 100µg/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA, 20% Glycerol without BSA and Sodium Azide.
Application	ELISA, Inhibition Assays, Western Blotting.
Characterization	On SDS-PAGE commassie blue stained gel, the purified recombinant protein shows a band at 37kDa including GST.

 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

Storage

Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months.

GENE INFORMATION
Gene Name

COX15 COX15 homolog, cytochrome c oxidase assembly protein (yeast) [Homo sapiens]

Synonyms

COX15; COX15 homolog, cytochrome c oxidase assembly protein (yeast); cytochrome c oxidase subunit 15; cytochrome c oxidase assembly protein COX15 homolog

Gene ID

1355

mRNA Refseq

NM_004376

Protein Refseq

NP_004367

MIM

603646

UniProt ID

Q7KZN9

Chromosome Location

10q24

Pathway

Metabolic pathways; Oxidative phosphorylation; Porphyrin and chlorophyll metabolism

Function

catalytic activity; contributes_to cytochrome-c oxidase activity; cytochrome-c oxidase activity

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