Recombinant Full Length Human COX6B1 Protein

Cat. No. COX6B1-94HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human COX6B1 with N-terminal proprietary tag. Predicted MW 35.20kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	87 amino acids
Description	Cytochrome c oxidase (COX), the terminal enzyme of the mitochondrial respiratory chain, catalyzes the electron transfer from reduced cytochrome c to oxygen. It is a heteromeric complex consisting of 3 catalytic subunits encoded by mitochondrial genes and multiple structural subunits encoded by nuclear genes. The mitochondrially-encoded subunits function in electron transfer, and the nuclear-encoded subunits may be involved in the regulation and assembly of the complex. This nuclear gene encodes subunit VIb. Mutations in this gene are associated with severe infantile encephalomyopathy. Three pseudogenes COX6BP-1, COX6BP-2 and COX6BP-3 have been found on chromosomes 7, 17 and 22q13.1-13.2, respectively.
Form	Liquid
Molecular Mass	35.200kDa inclusive of tags
AA Sequence	MAEDMETKIKNYKTAPFDSRFPNQNQTRNCWQNYLDFHRCQKAMTAKGGDISVCE

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

	WYQRVYQSLCPTSWVTDWDEQRAEGTFPGKI
Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name	COX6B1 cytochrome c oxidase subunit VIb polypeptide 1 (ubiquitous) [Homo sapiens]
Official Symbol	COX6B1
Synonyms	COX6B1; cytochrome c oxidase subunit VIb polypeptide 1 (ubiquitous); COX6B, cytochrome c oxidase subunit Vib , cytochrome c oxidase subunit Vib polypeptide 1 (ubiquitous); cytochrome c oxidase subunit 6B1; COXG
Gene ID	1340
mRNA Refseq	NM_001863
Protein Refseq	NP_001854
MIM	124089
UniProt ID	P14854

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