Recombinant Human COX7B Protein, His-tagged

Cat. No. COX7B-119H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human COX7B fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	Cytochrome c oxidase (COX), the terminal component of the mitochondrial respiratory chain, catalyzes the electron transfer from reduced cytochrome c to oxygen. This component 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 function in the regulation and assembly of the complex. This nuclear gene encodes subunit VIIb, which is highly similar to bovine COX VIIb protein and is found in all tissues. This gene may have several pseudogenes on chromosomes 1, 2, 20 and 22.
Form	50mM Tris, 8M Urea, pH8.0.
Molecular Mass	6.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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

GENE INFORMATION

Gene Name	COX7B cytochrome c oxidase subunit VIIb [Homo sapiens]
Official Symbol	COX7B
Synonyms	COX7B; cytochrome c oxidase subunit VIIb; cytochrome c oxidase subunit 7B, mitochondrial; cytochrome-c oxidase chain VIIb; cytochrome c oxidase polypeptide VIIb;
Gene ID	1349
mRNA Refseq	NM_001866
Protein Refseq	NP_001857
MIM	603792
UniProt ID	P24311

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