

# Recombinant Human COX7B

Catalog No: #GP10092



Package Size: #GP10092-1 100ug

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## Description

Product Name	Recombinant Human COX7B
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-79 amino acids of human cytochrome c oxidase subunit VIIb
Target Name	Cytochrome c oxidase subunit VIIb
Other Names	APLCC
Accession No.	Swissprot:P24311Gene Accession:BC018386
Uniprot	P24311
GenID	1349;
Storage	-20~-80°C, pH 7.6 PBS

## Background

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.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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