

COX7B 抗原（重组蛋白）

中文名称：COX7B 抗原（重组蛋白）

英文名称：COX7B Antigen (Recombinant Protein)

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 1-79 amino acids of human COX7B

技术规格

Full name:	Cytochrome c oxidase subunit VIIb
Synonyms:	APLCC
Swissprot:	P24311
Gene Accession:	BC018386
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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.