

COX6B1 抗原（重组蛋白）

中文名称： COX6B1 抗原（重组蛋白）

英文名称： COX6B1 Antigen (Recombinant Protein)

别名： Cytochrome c oxidase subunit VIb polypeptide 1 (ubiquitous); COXG, COX6B, COXVIb1

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Full length fusion protein

技术规格

Full name:	Cytochrome c oxidase subunit VIb polypeptide 1 (ubiquitous)
Synonyms:	COXG, COX6B, COXVIb1
Swissprot:	P14854
Gene Accession:	BC001015
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 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.