

## COX6B2 抗原（重组蛋白）

中文名称：COX6B2 抗原（重组蛋白）

英文名称：COX6B2 Antigen (Recombinant Protein)

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to N terminal 89 amino acids of human COX6B2

技术规格

<b>Full name:</b>	cytochrome c oxidase subunit VIb polypeptide 2 (testis)
<b>Synonyms:</b>	CT59; COXVIB2
<b>Swissprot:</b>	Q6YFQ2
<b>Gene Accession:</b>	NP_653214
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	The cytochrome c oxidase (COX) family of proteins function as the final electron donor in the respiratory chain to drive a proton gradient across the inner mitochondrial membrane, ultimately resulting in the production of water. The mammalian COX apoenzyme is a dimer, with each monomer consisting of 13 subunits, some of which are mitochondrial and some of which are nuclear. Localized to the intermembrane space, COX6b2 (Cytochrome c oxidase subunit 6B2), also known as Cytochrome c oxidase subunit VIb isoform 2 and Cancer/testis antigen 59, is a 88 amino acid mitochondrial protein that is responsible for joining the two COX monomers to form the CO

X dimer. COX6b2 is specifically expressed in testis and is found to be upregulated in certain cancer cell lines.