

## Recombinant Human COX6B2

Catalog No: #GP10318



Package Size: #GP10318-1 100ug

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## Description

Product Name	Recombinant Human COX6B2
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to N terminal 89 amino acids of human cytochrome c oxidase subunit VIb polypeptide 2 (testis)
Target Name	cytochrome c oxidase subunit VIb polypeptide 2 (testis)
Other Names	CT59; COXVIB2
Accession No.	Swissprot:Q6YFQ2Gene Accession:NP_653214
Uniprot	Q6YFQ2
GenelD	125965;
Storage	-20~-80°C, pH 7.6 PBS

## Background

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

## 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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