

# Recombinant Human COX7B2

Catalog No: #GP10094



Package Size: #GP10094-1 100ug

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## Description

Product Name	Recombinant Human COX7B2
Brief Description	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	cytochrome c oxidase subunit VIIb2
Accession No.	Swissprot:Q8TF08Gene Accession:BC035923
Uniprot	Q8TF08
GeneID	170712;
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 and ATP. 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. COX7b (cytochrome c oxidase subunit VIIb polypeptide) and COX7b2 (cytochrome c oxidase subunit VIIb polypeptide 2) are 80 and 81 amino acid proteins, respectively, which exist as components of the COX complex, therefore playing an important role in electron transport. A rare polymorphism in the COX7b2 gene at codon 26 may be linked to nasopharyngeal carcinoma (NPC), the most common head and neck cancer in southern China.

## 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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