

## COX4NB Human

**Description:** COX4NB Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 230 amino acids (1-210) and having a molecular mass of 25.9 kDa. The COX4NB is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Catalog #: PRPS-924

For research use only.

**Synonyms:** COX4 neighbor, COX4AL, Protein FAM158B, NOC4, C16orf2, chromosome 16 open reading frame 2, C16orf4, chromosome 16 open reading frame 4, family with sequence similarity 158-member B.

**Source:** E.coli.

**Physical Appearance:** Sterile Filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MPGVKLTQA YCKMVLHGAK  
YPHCAVNGLL VAEKQKPRKE HPLGGPGAH HTLFVDCIPL FHGTLALAPM LEVALTLIDS  
WCKDHSYVIA GYYQANERVK DASPQVAEK VASRIAEGFS DTALIMVDNT KFTMDCVAPT  
IHVYEHENR WRCRDPHHDY CEDWPEAQR SASLLDSRSY ETLVDFDNHL DDIRNDWTNP  
EINKAVLHLC

**Purity:** Greater than 95% as determined by SDS-PAGE.

### Formulation:

The COX4NB solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 10% glycerol.

### Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

### Introduction:

COX4NB is a member of the UPF0172 (NOC4) family and is located on chromosome 16, next to the COX4 gene. The COX4NB is expressed in high levels in the pancreas, moderate levels in the heart, skeletal muscle, and placenta and low levels in the liver, lung, kidney and brain.

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