
Product Data Sheet

Product Name: COX4NB Human

Cat. No.: GP23205

Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MPGVKLTTQA YCKMVLHGAK YPHCAVNGLL VAEKQKPRKE HLPLGGPGAH HTLFVDCIPL FHGTLALAPM LEVALTLIDS WCKDHSYVIA GYYQANERVK DASPQNVAEK VASRIAEGFS DTALIMVDNT KFTMDCVAPT IHVYEHENR WRCRDPHHDY CEDWPEAQRI SASLLDSRSY ETLVDFDNHL DDIRNDWTNP EINKAVLHLC		
Formulation	The COX4NB solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 10% glycerol.		

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.

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.

Background

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

Caution: Product has not been fully validated for medical applications. For research use only.

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proprietary chromatographic techniques.

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