

## Recombinant Human COX5B protein, His-tagged

Cat. No. COX5B-441H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human COX5B protein(P10606)(Ala32-His129), fused with His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala32-His129
<b>Form</b>	Lyophilized from sterile PBS, 10% Glycerol, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human COX5B consists of 113 amino acids and predicts a molecular mass of 12.5 KDa. It migrates as an approximately 15 KDa band in SDS-PAGE under reducing conditions.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

**Gene Name** COX5B cytochrome c oxidase subunit Vb [ Homo sapiens ]

**Official Symbol** COX5B

**Synonyms** COX5B; cytochrome c oxidase subunit Vb; cytochrome c oxidase subunit 5B, mitochondrial; cytochrome c oxidase polypeptide VB, mitochondrial; COXVB;

**Gene ID** 1329

**mRNA Refseq** NM\_001862

**Protein Refseq** NP\_001853

**MIM** 123866

**UniProt ID** P10606

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