

Recombinant Human COX6C Protein, His/GST-tagged

Cat. No. COX6C-621H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human COX6C(Met1~Lys75) fused with His/GST tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1~Lys75
Description	Cytochrome c oxidase, the terminal enzyme of the mitochondrial respiratory chain, catalyzes the electron transfer from reduced cytochrome c to oxygen. It is a heteromeric complex consisting of 3 catalytic subunits encoded by mitochondrial genes and multiple structural subunits encoded by nuclear genes. The mitochondrially-encoded subunits function in electron transfer, and the nuclear-encoded subunits may be involved in the regulation and assembly of the complex. This nuclear gene encodes subunit VIc, which has 77% amino acid sequence identity with mouse subunit VIc. This gene is up-regulated in prostate cancer cells. A pseudogene has been found on chromosomes 16p12.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	38.8kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)

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Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others

GENE INFORMATION

Gene Name	COX6C cytochrome c oxidase subunit VIc [Homo sapiens]
Official Symbol	COX6C
Synonyms	COX6C; cytochrome c oxidase subunit VIc; cytochrome c oxidase subunit 6C; cytochrome c oxidase polypeptide VIc; cytochrome c oxidase subunit VIc preprotein;
Gene ID	1345
mRNA Refseq	NM_004374
Protein Refseq	NP_004365
MIM	124090

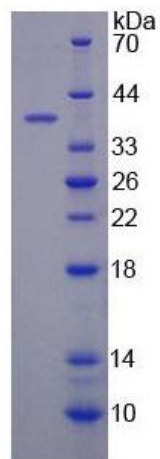
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UniProt ID

P09669



15% SDS-PAGE

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