Recombinant Human COX6C Protein, GST-tagged

Cat. No. COX6C-1758H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human COX6C full-length ORF (AAH00187, 1 a.a. - 75 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Jul 2010]
Molecular Mass	33.99 kDa
AA Sequence	MAPEVLPKPRMRGLLARRLRNHMAVAFVLSLGVAALYKFRVADQRKKAYADFYRNY DVMKDFEEMRKAGIFQSVK
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

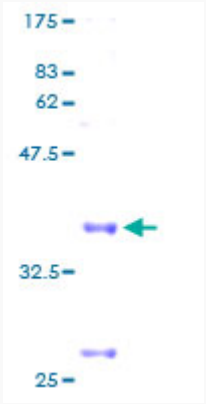
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	Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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
UniProt ID	P09669

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Quality Control Testing:	 12.5% SDS-PAGE Stained with Coomassie Blue.

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