

Recombinant Human COX20 Protein, GST-tagged

Cat. No. COX20-1741H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human COX20 full-length ORF (BAG54176.1, 1 a.a. - 118 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a protein that plays a role in the assembly of cytochrome C oxidase, an important component of the respiratory pathway. It contains two transmembrane helices and localizes to the mitochondrial membrane. Mutations in this gene can cause mitochondrial complex IV deficiency, which results in ataxia and muscle hypotonia. There are multiple pseudogenes for this gene. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2015]
Molecular Mass	39.7 kDa
AA Sequence	MAAPPEPGEPEERKSLKLLGFLDVENTPCARHSILYGSLGSVVAGFGHFLFTSRIRR SCDVGVGGFILVTLGCWFHCRYNYAKQRIQERIAREEIKKKILYEGTHLDPERKHNG SSSN
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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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	COX20 COX20 Cox2 chaperone homolog (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
Official Symbol	COX20
Synonyms	FAM36A
Gene ID	116228
mRNA Refseq	NM_198076.4
Protein Refseq	NP_932342.1
MIM	614698
UniProt ID	Q5RI15

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