Recombinant Full Length Human COX18 Protein, GST-tagged

Cat. No. COX18-2001HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human COX18 full-length ORF (NP_776188.1, 1 a.a. - 333 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	333 amino acids
Description	This gene encodes a cytochrome c oxidase assembly protein. The encoded protein is essential for integral membrane protein insertion into the mitochondrial inner membrane. It is also required for cytochrome c oxidase assembly and activity. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]
Molecular Mass	63.5 kDa
AA Sequence	MLCRLGGRWLRPLPALQLWARDLPLAPVPTSGAKRPTLPVWAVAPVSAVHANGWY EALAASSPVRVAEEVLLGVHAATGLPWWGSILLSTVALRGAVTLPLAAYQHYILAKVE NLQPEIKTIARHLNQEVAVRANQLGWSKRDARLTYLKNMRRLISELYVRDNCHPFKA TVLVWIQLPMWIFMSFALRNLSTGAAHSEGFSVQEQLATGGILWFPDLTAPDSTWIL PISVGVINLLIVEICALQKIGMSRFQTYITYFVRAMSVLMIPIAATVPSSIVLYWLCSSFV GLSQNLLLRSPGFRQLCRIPSTKSDSETPYKDIFAAFNTKFISRK
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production 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	COX18 COX18 cytochrome c oxidase assembly homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	COX18
Synonyms	COX18; COX18 cytochrome c oxidase assembly homolog (S. cerevisiae); mitochondrial inner membrane protein COX18; FLJ38991; Cox18Hs1 protein; Cox18Hs2 protein; Cox18Hs3 protein; mitochondrial COX18; cytochrome c oxidase assembly protein 18; COX18HS; MGC126733
Gene ID	285521
mRNA Refseq	NM_173827
Protein Refseq	NP_776188
MIM	610428
UniProt ID	Q8N8Q8

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