

Cytochrome c oxidase subunit 6b-2 (COX6B-2), Recombinant Protein

Cat RP08643

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 1 mg (E-Coli)/ 0.02 mg (Mammalian-Cell)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian Cell)

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana Cytochrome c oxidase subunit 6b-2 (COX6B-2)

Product Gene Name

COX6B-2 recombinant protein

Product Synonym Gene Name

COX6B-2

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence

MEDEIELKTA PADFRFPTTN QTRHCFTRYI EFHRCTTAKG EESNDCERFA KYYRALCPGE WVDKWNEQRE
SGTFPGPL

Sequence Positions

1-78, Full length protein

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

9,254 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week. Repeated freezing and thawing is not recommended.

Protein Family

Cytochrome c oxidase

NCBI Accession

NP_568867.1

NCBI GI

18424030

NCBI GenBank Nucleotide

NM_125166.5

NCBI GenID

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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835891 Cell

NCBI Official Full Name

Cytochrome c oxidase, subunit Vib family protein

NCBI Official Symbol

AT5G57815

NCBI Protein Information

Cytochrome c oxidase, subunit Vib family protein

UniProt Gene Name

COX6B-2

UniProt Synonym Gene Names

AtCOX6b-2

UniProt Protein Name

Cytochrome c oxidase subunit 6b-2

UniProt Primary Accession

Q945L0

UniProt Secondary Accession

Q8LD51

UniProt Related Accession

Q945L0

UniProt Comments

This protein is one of the nuclear-coded polypeptide chains of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport. This protein may be one of the heme-binding subunits of the oxidase.

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