

Cytochrome b-c1 complex subunit 7 (LOC102598697), Recombinant Protein

Cat *RP15404*

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*

Species *(Mammalian-Cell)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Solanum tuberosum (Potato Cell))*

Full Product Name

Recombinant Solanum tuberosum Cytochrome b-c1 complex subunit 7

Product Gene Name

LOC102598697 recombinant protein

Purity

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

Sequence

MASSFSRWLV DPKKNPLAAI HMKTLSSRLR NYGLRHDDLY DPMYDLDVKE ALNRLPREIV DARNQRLRA MDLSMKHQYL PEDLQAMQTP FRNYLQEMLA LVKRESAERE ALGALPLYQR TLP

Sequence Positions

1-123, 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

14,471 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 b-c1 complex

NCBI Accession

NP_001274887.1

NCBI GI

568215043

NCBI GenBank Nucleotide

NM_001287958.1

NCBI GeneID

102598697

NCBI Official Full Name

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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(Mammalian-Cell)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
NCBI Official Symbol
LOC102598697

NCBI Official Synonym Symbols

cr14

NCBI Protein Information

cytochrome b-c1 complex subunit 7

UniProt Protein Name

Cytochrome b-c1 complex subunit 7

UniProt Synonym Protein Names

CR14; Complex III subunit 7; Complex III subunit VII; Ubiquinol-cytochrome c reductase complex 14 kDa protein

UniProt Primary Accession

P48502

UniProt Related Accession

P48502

UniProt Comments

This is a component of the ubiquinol-cytochrome c reductase complex (complex III or cytochrome b-c1 complex), which is part of the mitochondrial respiratory chain. This component is involved in redox-linked proton pumping.

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