

Apocytochrome f (petA), Recombinant Protein

Cat *RP15857*

Species

Solanum bulbocastanum (Wild potato)

Full Product Name

Recombinant *Solanum bulbocastanum* Apocytochrome f (petA), partial

Product Gene Name

petA recombinant protein

Product Synonym Gene Name

petA

Purity

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

Format

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

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

35,218 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

NCBI Accession

YP_538861.1

NCBI GI

91209001

NCBI GenBank Nucleotide

NC_007943.1

NCBI GeneID

3989437

NCBI Official Full Name

cytochrome f (chloroplast)

NCBI Official Symbol

petA

NCBI Protein Information

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Apocytochrome f (petA), Recombinant Protein

Cat *RP15857*

apocytochrome f precursor

UniProt Gene Name

petA

UniProt Protein Name

Cytochrome f

UniProt Primary Accession

Q2MIH4

UniProt Related Accession

Q2MIH4

UniProt Comments

Component of the cytochrome b6-f complex, which mediates electron transfer between photosystem II (PSII) and photosystem I (PSI), cyclic electron flow around PSI, and state transitions.

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