

Ferredoxin-1, chloroplastic (SEND33), Recombinant Protein

Cat *RP15328*

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 lycopersicum (Tomato) (Lycopersicon esculentum) (Cell))

Full Product Name

Recombinant Solanum lycopersicum Ferredoxin-1, chloroplastic (SEND33)

Product Gene Name

SEND33 recombinant protein

Product Synonym Gene Name

SEND33

Purity

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

Sequence

ASYKVKLITP EGPIEFECPD DVYILDQAE EGHDLPSYSCR AGSCSSCAGK VTAGSVDQSD GNFLDEDQEA
AGFVLTCVAY PKGDVTIETH KEEELTA

Sequence Positions

48-144, 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

15,289 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.

NCBI Accession

NP_001234059.1

NCBI GI

350537877

NCBI GenBank Nucleotide

NM_001247130.1

NCBI GeneID

778301

NCBI Official Full Name

ferredoxin-1, chloroplastic

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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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)

NCBI Official Symbol

SEND33

NCBI Protein Information

ferredoxin-1, chloroplastic

UniProt Gene Name

SEND33

UniProt Protein Name

Ferredoxin-1, chloroplastic

UniProt Synonym Protein Names

Ferredoxin I

UniProt Primary Accession

Q43517

UniProt Related Accession

Q43517

UniProt Comments

Ferredoxins are iron-sulfur proteins that transfer electrons in a wide variety of metabolic reactions.

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