Ferredoxin-3, chloroplastic (FDX3), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP10373*

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
Zea mays (Maize)

Full Product Name
Recombinant Zea mays Ferredoxin-3, chloroplastic (FDX3)

Product Gene Name
FDX3 recombinant protein

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

Sequence
AVYKVKLVGP EGEEHEFDAP DDAYILDAAE TAGVELPYSC RAGACSTCAG KIESGSVDQS DGSFLDDGQQ EEGYVLTCVS YPKSDCVIHT HKEGDLY

Sequence Positions
56-152, 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
16,123 Da

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

NCBI Accession
NP_001105346.1

NCBI GI
162463662

NCBI GenBank Nucleotide
NM_001111876.1

NCBI GeneID
542276

NCBI Official Symbol
fdx3

NCBI Official Synonym Symbols
GRMZM2G053458

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI Protein Information
ferredoxin-3, chloroplastic

UniProt Gene Name
FDX3

UniProt Synonym Gene Names
PFD3; Fd III

UniProt Protein Name
Ferredoxin-3, chloroplastic

UniProt Synonym Protein Names
Ferredoxin III; Fd III

UniProt Primary Accession
P27788

UniProt Related Accession
P27788

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

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