Ferredoxin Datura Metel Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ferredoxin, Recombinant Protein
Full Product Name	Recombinant Datura metel Ferredoxin
Sequence	ATYKVKLVTP DGPVEFDCPD DVYILDRAEE EGHDLPYSCR AGSCSSCAGK VTAGTVDQSD GNYLDDDQMA EGFVLTCVAY PQSDVTIETH KEEELTG
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	10,484 Da
Sequence Positions	1-97, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for P68164
Species	Datura metel (Devil's trumpet) (Datura fastuosa)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Ferredoxin recombinant protein	MBS1161231 is a recombinant protein targeting Ferredoxin. Also known as Recombinant Datura metel Ferredoxin. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Ferredoxin recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Ferredoxin. It may not necessarily be applicable to this product.

NCBI GI #	60392277
NCBI Accession #	P68164.1
UniProt Primary Accession #	P68164
UniProt Secondary Accession #	P68167; P81454; P83521
NCBI Official Full Name	Ferredoxin
UniProt Protein Name	Ferredoxin
Protein Family	Ferredoxin
UniProt Comments for Ferredoxin	Ferredoxins are iron-sulfur proteins that transfer electrons in a wide variety of metabolic reactions.

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