Ferredoxin--nitrite reductase, chloroplastic (Os01g0357100, LOC_Os01g25484), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP14118*

Species
Oryza sativa subsp. japonica (Rice)

Full Product Name
Recombinant Oryza sativa subsp. japonica Ferredoxin--nitrite reductase, chloroplastic (Os01g0357100, LOC_Os01g25484), partial

Product Gene Name
Os01g0357100 recombinant protein

Product Synonym Gene Name
Os01g0357100; LOC_Os01g25484

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
66,143 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
XP_015641702.1

NCBI GI
1002229053

NCBI GenBank Nucleotide
XM_015786216.1

NCBI GeneID
4326014

NCBI Official Full Name
ferredoxin--nitrite reductase, chloroplastic

NCBI Official Symbol
LOC4326014

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI Protein Information
ferredoxin--nitrite reductase, chloroplastic

UniProt Gene Name
Os01g0357100

UniProt Protein Name
Ferredoxin--nitrite reductase, chloroplastic

UniProt Primary Accession
Q42997

UniProt Secondary Accession
Q5ZBK4; Q7F475

UniProt Related Accession
Q42997

UniProt Comments
Catalyzes the six-electron reduction of nitrite to ammonium.

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