Probable NADPH:quinone oxidoreductase 2 (Os01g0954000, LOC_Os01g72460), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP14274*

Size *0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1 mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)*

Species
Oryza sativa subsp. japonica (Rice)

Full Product Name
Recombinant Oryza sativa subsp. japonica Probable NADPH:quinone oxidoreductase 2 (Os01g0954000, LOC_Os01g72460)

Product Gene Name
Os01g0954000 recombinant protein

Product Synonym Gene Name
Os01g0954000; LOC_Os01g72460

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

Sequence
MEGSTSPKAL RVAAISGSLR RGSANTGLIR AAKEICEESI PGMVIDHVDI PDLPLLNTDM EVDDGFPPAV EAFRASVRAA DCFLFASPEY NYSISGPLKN ALDWGSRPPN CWADRAAAIV SASGGSGGSR SMYHIRQVGV FLDIHFINKP EVFIKAHQPP KKFDSDGNLI DPEIKEELKD MLLSLQAFAL RLQGKPANSK HAA

Sequence Positions
1-203, 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
21,916 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.

Protein Family
Probable NADPH:quinone oxidoreductase

NCBI Accession
XP_015629376.1

NCBI GI
1002226924

NCBI GenBank Nucleotide

Address: SUITE 209, 17 Ramsey Road, Shirley, NY 11967
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https://www.cd-biosciences.com/plant-protein/

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XM_015773890.1

NCBI GeneID
4325401

NCBI Official Full Name
probable NADPH:quinone oxidoreductase 2

NCBI Official Symbol
LOC4325401

NCBI Protein Information
probable NADPH:quinone oxidoreductase 2

UniProt Gene Name
Os01g0954000

UniProt Protein Name
Probable NADPH:quinone oxidoreductase 2

UniProt Primary Accession
Q941Y8

UniProt Secondary Accession
Q0JFY4

UniProt Related Accession
Q941Y8

UniProt Comments
The enzyme apparently serves as a quinone reductase in connection with conjugation reactions of hydroquinones involved in detoxification pathways.

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