Putative glutaredoxin-C2 (GRXC2), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP12524*

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
Oryza sativa subsp. japonica (Rice)

Full Product Name
Recombinant Oryza sativa subsp. japonica Putative glutaredoxin-C2 (GRXC2)

Product Gene Name
GRXC2 recombinant protein

Product Synonym Gene Name
GRXC2

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

Sequence
MAERVARLSS QRAVVIFGAS NCFMCHVVKT LFSELGVSWA VHEVDKDPNG KDVERALAGM VGRTPPVPAV FIGGKLVGPT DQVMSLHLAG KLVPLLREAG ALWLRDTKYS YILPANQLIN YRSIN

Sequence Positions
1-125, 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
13,647 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
Putative glutaredoxin

NCBI Accession
XP_015646989.1

NCBI GI
1002230061

NCBI GenBank Nucleotide
XM_015791503.1

NCBI GeneID
4326522

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NCBI Official Full Name
putative glutaredoxin-C2

NCBI Official Symbol
LOC4326522

NCBI Official Synonym Symbols
GRXC2

NCBI Protein Information
putative glutaredoxin-C2

UniProt Gene Name
GRXC2

UniProt Protein Name
Putative glutaredoxin-C2

UniProt Primary Accession
Q0JG89

UniProt Secondary Accession
Q942X3; A3A1B1

UniProt Related Accession
Q0JG89

UniProt Comments
Has a glutathione-disulfide oxidoreductase activity in the presence of NADPH and glutathione reductase. Reduces low molecular weight disulfides and proteins .

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