

Superoxide dismutase [Cu-Zn] 2 (SODCC2), Recombinant Protein

Cat RP13458

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 Superoxide dismutase [Cu-Zn] 2 (SODCC2)

Product Gene Name

SODCC2 recombinant protein

Purity

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

Sequence

VKAVAVLASS EGVKGTIFFS QEGDGPTSVT GSVSGLKPGL HGFHVHALGD TTNGCMSTGP HFNPTGKEHG
APQDENRHAG DLGNITAGAD GVANVNVSDS QIPLTGAHSI IGRAVVHAD PDDLKGKGHE LSKTTGNAGG
RVACGIIGLQ G

Sequence Positions

2-152, 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

15,081 Da

Storage

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

NCBI Accession

XP_015647771.1

NCBI GI

1002286933

NCBI GenBank Nucleotide

XM_015792285.1

NCBI GeneID

4344210

NCBI Official Full Name

superoxide dismutase

NCBI Official Symbol

LOC4344210

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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SodCc2; SODCC.2; OJ1343_D04.132

NCBI Official Synonym Symbols

NCBI Protein Information

superoxide dismutase [Cu-Zn] 2

UniProt Gene Name

SODCC2

UniProt Synonym Gene Names

SODCC.2

UniProt Protein Name

Superoxide dismutase [Cu-Zn] 2

UniProt Primary Accession

P28757

UniProt Secondary Accession

Q0D3U5; Q8LIB7; A0A0N7KP08

UniProt Related Accession

P28757

UniProt Comments

Destroys radicals which are normally produced within the cells and which are toxic to biological systems.

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