

Superoxide dismutase [Cu-Zn] 2 (SODCC.5), Recombinant Protein

Cat RP15355

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 Solanum lycopersicum (Tomato) (Lycopersicon esculentum)

Full Product Name

Recombinant Solanum lycopersicum Superoxide dismutase [Cu-Zn] 2 (SODCC.5)

Product Gene Name

SODCC.5 recombinant protein

Product Synonym Gene Name

SODCC.5

Purity

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

Sequence

VKAVAVLNSS EGVSGTILFT QDGAAPTTVN GNISGLKPGL HGFHVHALGD TTNGCMSTGP HYNPAGKEHG
APEDEVHRHAG DLGNITVGED GTASFTITDK QIPLTGPQSI IGRAVVVHAD PDDLKGKGHE LSKSTGNAGG
RIACGIIGLQ 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

15,241 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

Q43779.3

NCBI GI

3334337

NCBI GeneID

544054

NCBI Official Full Name

Superoxide dismutase

NCBI Official Symbol

SODCC.1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI Official Synonym Symbols
Sod; SODCC2; SODCC.5

NCBI Protein Information

superoxide dismutase [Cu-Zn] 2

UniProt Gene Name

SODCC.5

UniProt Synonym Gene Names

SODCC2

UniProt Protein Name

Superoxide dismutase [Cu-Zn] 2

UniProt Primary Accession

Q43779

UniProt Related Accession

Q43779

UniProt Comments

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

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