

Superoxide dismutase [Cu-Zn], chloroplastic (SODCP.2), Recombinant Protein

Cat RP15346

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)
Solanum lycopersicum (Tomato) (Lycopersicon esculentum)

Full Product Name

Recombinant Solanum lycopersicum Superoxide dismutase [Cu-Zn], chloroplastic (SODCP.2)

Product Gene Name

SODCP.2 recombinant protein

Purity

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

Sequence

ATKKAVAVLK GNSNVEGVVT LSQDDDGPTT VNVRLTGLAP GLHGFHLHEY GDTTNGCMST GAHFNPKNLT
HGAPGDEIRH AGDLGNIVAN ADGVAEVTLV DNQIPLTGPN SVVGRALVVH ELEDDLKGGG HELSLTTGNA
GGRLACGVVG LTPI

Sequence Positions

64-217, 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

22,228 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

P14831.1

NCBI GI

134682

NCBI GenelD

543981

NCBI Official Full Name

Superoxide dismutase

NCBI Official Symbol

SODCP.2

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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(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)
superoxide dismutase [Cu-Zn], chloroplasmic

NCBI Protein Information

UniProt Gene Name

SODCP.2

UniProt Protein Name

Superoxide dismutase [Cu-Zn], chloroplasmic

UniProt Primary Accession

P14831

UniProt Related Accession

P14831

UniProt Comments

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

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