

Superoxide dismutase [Mn], mitochondrial (sodB), Full-length Recombinant Protein | sodB recombinant protein

Superoxide dismutase [Mn], mitochondrial (sodB), Full-length

CATALOG # AAA117510	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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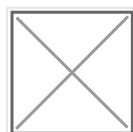
PRODUCT SYNONYMS

Superoxide dismutase [Mn]; mitochondrial (sodB); Full-length; mitochondrial; EC=1.15.1.1; Allergen=; Asp f 6; sodB recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-210. Full-Length
Sequence	MSQQYTLPLPYPYDALQPYISQQIMELHHKKHHQTYVNGLNAALEAQKKAAEANDVPKLVSVQQAIKFN GGGHINHSFLWKNLAPEKSGGGKIDQAPVLKAAIEQRWGSFDKFKDAFNTLLGIQGSWGWLVTDGPKG KLDITTTDQDPVTGAAPVFGVDMWEHAYYLQYLNDKASYAKGIWNVINWAEAENRYIAGDKGGHPPFMKL
Species	Neosartorya fumigata (strain MYA-4609 / Af293 / CBS 101355 / FGSC A1100) (Aspergillus fumigatus)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for sodB recombinant protein	Destroys superoxide anion radicals which are normally produced within the cells and which are toxic to biological systems.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	70996138
NCBI GeneID	3509846
NCBI Accession #	XP_752824.1
NCBI GenBank Nucleotide #	XM_747731.1
UniProt Accession #	Q92450 ; Q4WRZ6
Molecular Weight	38kD

NCBI Official Full Name	Mn superoxide dismutase MnSOD
NCBI Official Symbol	AFUA_1G14550
NCBI Protein Information	Mn superoxide dismutase MnSOD
UniProt Protein Name	Superoxide dismutase [Mn], mitochondrial
UniProt Gene Name	sodB
UniProt Entry Name	SODM_ASPFU

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/sodb-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117510>