Superoxide Dismutase [Mn] (sodA) Mycobacterium Intracellulare Recombinant Protein

PRODUCT OVERVIEW

Product Name	Superoxide dismutase [Mn] (sodA), Recombinant Protein
Full Product Name	Recombinant Mycobacterium intracellulare Superoxide dismutase [Mn] (sodA)
Product Gene Name	sodA recombinant protein
Sequence	MAEYTLPDLD WDYAALEPHI SGQINEIHHS KHHATYVKGV NDALSKLEEA RANEDHAAIF LNEKNLAFHL GGHVNHSIWW KNLSPDGGDK PTGELAAAID DAFGSFDRFR AQFSAAANGL QGSGWAVLGY DTLGNRLLTF QLYDQQANVP LGIIPLLQVD MWEHAFYLQY KNVKADYVKA FWNVVNWADV QKRYAAATSK TQGLIFG
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
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.
Molecular Weight	23,131 Da
Sequence Positions	1-207, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for P46728
Species	Mycobacterium intracellulare
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for sodA recombinant protein	MBS1228475 is a recombinant protein targeting sodA. Also known as Recombinant Mycobacterium intracellulare Superoxide dismutase [Mn] (sodA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of sodA recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for sodA. It may not necessarily be applicable to this product.

NCBI GI #	495047031
NCBI Accession #	WP_007771867.1
UniProt Primary Accession #	P46728
UniProt Secondary Accession #	H8IJN4
GenBank Nucleotide #	WP_007771867.1
NCBI Official Full Name	MULTISPECIES: superoxide dismutase
UniProt Protein Name	Superoxide dismutase [Mn]

Protein Family	Superoxide dismutase
UniProt Gene Name	sodA
UniProt Synonym Gene Names	sod
UniProt Comments for sodA	Destroys superoxide anion radicals which are normally produced within the cells and which are toxic to biological systems.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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