Catalase-Like Protein (katB) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Catalase-like protein (katB), Recombinant Protein
Full Product Name	Recombinant Catalase-like protein (katB)
Product Gene Name	katB recombinant protein
Product Synonym Names	Catalase-like protein
Sequence	MSQQDKKLTG VFGHPVSDRE NSMTAGPRGP LLMQDIYFLE QMSQFDREVI PERRMHAKGS GAFGTFTVTK DITKYTNAKI FSEIGKQTEM FARFSTVAGE RGAADAESDI RGFALKFYTE EGNWDLVGNN TPVFFFRDPK LFVSLNRAVK RDPRTNMRDA QNNWDFWTGL PEALHQVTIL MSDRGIPKDL RHMHGFGSHT YSMYNDSGER VWVKLHFRTQ QGIENLTDEE AAEIIATGRD SSQRDLFEAI EKGDYPKWTM YIQVMTEEQA KNHKDNPFDL TKVWYHDEYP LIEVGEFELN RNPDNYFMDV EQVAFASTNI IPGLDFSPDK MLQGRLFSYG DAQRYRLGVN HWQIPVNQPK GVGIENICPF SRDGQMRVVD NNQGGGTHYY PNNHGKFDSQ PEYKKPPFPT DGYGYEYNQR QDDDNYFEQP GKLFRLQSEG AKERILQIQQ MQWKA
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	52,618 Da
Sequence Positions	1-455aa; 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 Q9L4S2
Species	Staphylococcus aureus subsp. anaerobius
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for katB recombinant protein	MBS1419938 is a recombinant protein targeting katB. Also known as Recombinant Catalase-like protein (katB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of katB 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 katB. It may not necessarily be applicable to this product.

NCBI GI #	75533078
NCBI Accession #	Q9L4S2.1
UniProt Primary Accession #	Q9L4S2
NCBI Official Full Name	Catalase-like protein

UniProt Protein Name	Catalase-like protein
Protein Family	Catalase-like protein
UniProt Gene Name	katB
UniProt Entry Name	CATB_STAAA
UniProt Comments for katB	Catalytically inactive.
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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