Chitin Synthase (CHS) Saprolegnia Monoica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Chitin synthase (CHS), Recombinant Protein
Full Product Name	Recombinant Saprolegnia monoica Chitin synthase (CHS), partial
Product Gene Name	CHS recombinant protein
Sequence	MSDQLDLAAR LRALREGNAA PADPETATHT AWPAPQYHPH CRRCIHKSRS SWEGRMPRAA PCAEAEGSYS QVPVWKDSKE TRRSYLDDEP TPQPQSLINM ANTLVQRQRR INLPAAAYSE LPTAAQHRRG ASGRQANTAT QVLQLTCTWT LARRSSKSAE ELGTWMNTVA EEARKAALPP QLKIARTNVP TVEQAWKGRT PPFHDADEFR LMRYTAVATK DPIQFSNDGY VLRVHQLHRR IKVFITITMY NEEGSEILGT LTGLAKGLGY MCKEYGQDFW QEVAVAIVSD GRTKASKTCL EYLNGLGAFD EEIMTVTSLG VDTPAGENQT FENYFPPLQV IYALKENNGG KLNSHLWFFN AFSEQLNPKY TVLVDVGTIP AETSVFRLIR SMERNYQIGG VAGEIAVEAP NYFNPVIAAQ HFEYKISNIM DKSLESVFGF ISVLPGAFSA YRYEAIRAVK GVGPLPEYFK SLTSTTKELG PFQGNMYLAE DRILCFELLA RKHKQWTMHY VKDAIARTDV PETLVDLIKQ ARRWLNGSFF AGLFAIGTLA VWSQSSHTMS RKLVFTFQFF YLALQNLLSW FLLSNLFLTF YFVLTLAFTD SAPALLQAML TLYLAIVGGL IVFALGNKPE PRTASFYLFS CLYMGIIMML VTGISIYGLV GKGTSAVKDP RVITGPLATV LSLKGSLSVV SSPRLGLIFL SAFVHGEFSI LLSVIQYFFM LPTFVQFAHL SWGTKGLESG GRHGPTKTGG GKVKEVVEQQ KKLEAQRQAA AKEKEDVDNS FRAFRSTLLA VVAHDQRHLA LRCDGLHVER VLLEGPQLVV GFFNVIVSRA ALYLLSCASL SYSALTAVQW GPPTIPMSAT CRPTGRLITM YRTKATVGLW LPVQRA
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	98,570 Da
Sequence Positions	1-886
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 P48017
Species	Saprolegnia monoica
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CHS recombinant protein	MBS1236223 is a recombinant protein targeting CHS. Also known as Recombinant Saprolegnia monoica Chitin synthase (CHS), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CHS 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 CHS. It may not necessarily be applicable to this product.

NCBI GI #	1345811

NCBI Accession #	P48017.1
UniProt Primary Accession #	P48017
NCBI Official Full Name	Chitin synthase
UniProt Protein Name	Chitin synthase
UniProt Synonym Protein Names	Chitin-UDP acetyl-glucosaminyl transferase
Protein Family	Chalcone synthase
UniProt Gene Name	CHS
UniProt Comments for CHS	Plays a major role in cell wall biogenesis.
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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