Chitin Synthase Regulatory Factor 1 (chr1) Schizosaccharomyces Pombe Recombinant Protein

PRODUCT OVERVIEW

Product Name	Chitin synthase regulatory factor 1 (chr1), Recombinant Protein
Full Product Name	Recombinant Schizosaccharomyces pombe Chitin synthase regulatory factor 1 (chr1)
Product Gene Name	chr1 recombinant protein
Sequence	MPASTSIPET PSKLPDALLV NSDPASKVDN VSVKIEQESP LALEGSPLPT VSDVLPETNN AHEEVSSSSW SLSSSDSIMS YDSLSDDVSV LSFLDCPLTT FETAPSIASF SNSAADVSSH SRSSSSWSAK LSRFTKHASK PSLSSNSSDS SFSKSGSESN ALSSRGSFEL EPHGIHRHVS RAKRLLSKFY SKFHHKKEDS SFDPLAPLVF APNTSRVLRV TNEANASAIS LEKATSLSSQ EQPGSEIKKE LSLYDHEFDQ ILDLAIKAKK DGNLENAIEF LEYIMPEVAS QQNFVPYELA ELYKQRGTSQ DLKSILPLYM LAASLGHDRS SFLVGEAFFY GTYGARENKL RALQYYHLAN DKGNADAMLA LCKLYLRGLP GHIFPSSRRA FEYAHRAAML GHAPACYVLG KFYETGVGCV KDLAKSEAGF RAGLINDSPI TDADALQIAS TLVLLQ
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	49,568 Da
Sequence Positions	1-456, Full length
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 O59732
Species	Schizosaccharomyces pombe (strain 972 / 24843) (Fission yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for chr1 recombinant protein	MBS1252413 is a recombinant protein targeting chr1. Also known as Recombinant Schizosaccharomyces pombe Chitin synthase regulatory factor 1 (chr1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of chr1 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 chr1. It may not necessarily be applicable to this product.

NCBI GI #	19112891
NCBI GeneID	2540265
NCBI Accession #	NP_596099.1
UniProt Primary Accession #	O59732

GenBank Nucleotide #	NM_001022015.2
NCBI Official Full Name	chitin synthase regulatory factor Chr1 (predicted)
NCBI Official Symbol	chr1
UniProt Protein Name	Chitin synthase regulatory factor 1
UniProt Synonym Protein Names	Chs four homolog 4
Protein Family	ATP-dependent RNA helicase
UniProt Gene Name	chr1
UniProt Synonym Gene Names	cfh4
NCBI Protein Information	chitin synthase regulatory factor Chr1 (predicted)
UniProt Comments for chr1	Involved in chitin biosynthesis.
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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