DNA Mismatch Repair Protein HSM3 (HSM3) Candida Albicans Recombinant Protein

PRODUCT OVERVIEW

Product Name	DNA mismatch repair protein HSM3 (HSM3), Recombinant Protein
Full Product Name	Recombinant Candida albicans DNA mismatch repair protein HSM3 (HSM3)
Product Gene Name	HSM3 recombinant protein
Product Synonym Gene Name	HSM3
Sequence	MLDELSYKVL TNLETSYERK QPLGSKLIDR YTLTIDQSTV AQQSYFEQII PAINRILMNS EAHVIDPDNV LIRLLPEILS HLSFEQILMY YPNDFILHFL FEEKLENVSV ICLEVILLNL QEPETLQFLR DNNVISRLLR EVYFKKTPIS VLNKIERLIT VLNGIEEINL LESCLPILKK IRDQGNTVLL SRYLDLVNLL LRYLPEFSPH LYSFTKQEFL KYQDDPLFLI LLIQFYVKLV RLKAPVDLSL PLSDILSLYD KFDLLVKNEV VELVAQLSFT QSYTDILFKS QIFKTHNLLE VFEKTENSDI RLLSKANPQV IYELNNSIYP DVLAHLNLFT NNLYFPILLN FMSSTTIFYQ LKLHLNNEKL SQLPMDKLFK LLLEMSTHNH SKEHLFNNLP TIMSTNLLET EDLRNNELWN LKLEILQNLL NDDSVPGFEF WHQELTRNYE LMTFGRVFRN AAPRVDIIDE TA
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	55,468 Da
Sequence Positions	1-472, 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 Q59PP0
Species	Candida albicans (strain SC5314 / MYA-2876) (Yeast)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for HSM3 recombinant protein	MBS1479928 is a recombinant protein targeting HSM3. Also known as Recombinant Candida albicans DNA mismatch repair protein HSM3 (HSM3). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of HSM3 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 HSM3. It may not necessarily be applicable to this product.

NCBI GI #	68488956
NCBI GeneID	3646713
NCBI Accession #	XP_711671.1
UniProt Primary Accession #	Q59PP0

UniProt Secondary Accession #	Q3MP11; A0A1D8PRC0
UniProt Related Accession #	Q59PP0
GenBank Nucleotide #	XM_706579.1
NCBI Official Full Name	Hsm3p
NCBI Official Symbol	HSM3
UniProt Protein Name	DNA mismatch repair protein HSM3
Protein Family	DNA mismatch repair protein
UniProt Gene Name	HSM3
NCBI Protein Information	Hsm3p
UniProt Comments for HSM3	Involved in DNA mismatch repair in slow-growing cells. Acts as a chaperone during the assembly of the 26S proteasome, specifically of the base subcomplex of the 19S regulatory complex (RC) ().
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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