Mating-Type Locus Allele B4 Protein Ustilago Maydis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Mating-type locus allele B4 protein, Recombinant Protein
Full Product Name	Recombinant Ustilago maydis Mating-type locus allele B4 protein
Sequence	MSSDPKISIT SFLECLSEIE EEFLRDKEKN PPVLVSKLQE LQQKTPNNIA NLDHDPETIQ KIHQTTHRIN VAVKAFICID QTFVSLRSDA VEDASRALKK ANASSPVVGC RELSEDLPAY HMRKHFLHTL ENPYPTQEEK ETLVRLTNES TARVGQSIVN RPPLEVHQLT LWFINARRRS GWSHILKKFA REDRSRMKHL VRAKLSSSNQ STPPSPTSEY PSNNLDDFLS DNLGRPLTPA DKQQFEDDWA SMISWIKYGV KEKVGDWVYD LCAASKKTPK PGMPRPVTTV AKRQPARKTK PAAKPKSRTA NPRASTTPSI DSTLDSSKLE STPELSMCST ADTSFSTFGS SLSMSHYDPF QYGNDILQSP TFKARGNRKV KALPKRAGKQ QPDEVENGKI PFLCLSVAFV
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	46,061 Da
Sequence Positions	1-410, 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 P22018
Species	Ustilago maydis (Smut fungus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Mating-type locus allele B4 protein recombinant protein	MBS1164337 is a recombinant protein targeting Mating-type locus allele B4 protein. Also known as Recombinant Ustilago maydis Mating-type locus allele B4 protein. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Mating-type locus allele B4 protein 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 Mating-type locus allele B4 protein. It may not necessarily be applicable to this product.

NCBI GI #	114794
NCBI Accession #	P22018.1
UniProt Primary Accession #	P22018
NCBI Official Full Name	Mating-type locus allele B4 protein
UniProt Protein Name	Mating-type locus allele B4 protein

Protein Family	Mating-type locus allele B4 protein
UniProt Comments for Mating-type locus allele B4 protein	The B locus has at least 25 alleles, and any combination of two different B alleles yields a multimeric regulatory protein, that activates genes responsible for the pathogenicity and for the sexual development of the fungus within the corn plant.
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