A1-Specific Pheromone (MFA1) (UM02382.1) Ustilago Maydis Recombinant Protein

PRODUCT OVERVIEW

Product Name	A1-specific pheromone (MFA1) (UM02382.1), Recombinant Protein
Full Product Name	Recombinant Ustilago maydis A1-specific pheromone (MFA1)
Product Gene Name	UM02382.1 recombinant protein
Product Synonym Gene Name	MFA1; UM02382
Product Synonym Names	Recombinant A1-specific pheromone (MFA1); A1-specific pheromone; Mating factor A1
Sequence	MLSIFAQTTQ TSASEPQQSP TAPQGRDNGS PIGYSSC
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 degree C. For extended storage, store at -20 or -80 degree C.
Molecular Weight	4,113 Da
Sequence Positions	1-37aa; Cytoplasmic domain
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.
Chromosome Location	chromosome: 5
3D Structure	ModBase 3D Structure for P31962
Species	Ustilago maydis (strain 521 / FGSC 9021) (Smut fungus)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for UM02382.1 recombinant protein	MBS1254132 is a recombinant protein targeting UM02382.1. Also known as Recombinant Ustilago maydis A1-specific pheromone (MFA1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of UM02382.1 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 UM02382.1. It may not necessarily be applicable to this product.

NCBI GI #	71012805
NCBI GeneID	3630426
NCBI Accession #	XP_758529.1
UniProt Primary Accession #	P31962
UniProt Secondary Accession #	Q4PBY1

UniProt Related Accession #	Q4PBY1
GenBank Nucleotide #	XM_753436.1
NCBI Official Full Name	A1-specific pheromone
NCBI Official Symbol	UM02382.1
UniProt Protein Name	A1-specific pheromone
UniProt Synonym Protein Names	Mating factor A1
UniProt Gene Name	MFA1
UniProt Entry Name	MFA1_USTMA
NCBI Protein Information	A1-specific pheromone
UniProt Comments for UM02382.1	Function: Mating pheromone for A1 allele. Subcellular location: Cell membrane; Lipid-anchor; Cytoplasmic side Potential.
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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