FK506-Binding Protein 1 (FPR1) Gibberella Zeae Recombinant Protein

PRODUCT OVERVIEW

Product Name	FK506-binding protein 1 (FPR1), Recombinant Protein
Full Product Name	Recombinant Gibberella zeae FK506-binding protein 1 (FPR1)
Product Gene Name	FPR1 recombinant protein
Product Synonym Gene Name	FPR1; FG09690
Product Synonym Names	FK506-binding protein 1; FKBP; EC=5.2.1.8; FkbA; Peptidyl-prolyl cis-trans isomerase; PPIase; Rapamycin-binding protein
Sequence	MGVEKTIITQ GSGPSPQVGQ KVTMEYTGWL QKEDGTKGDQ FDTSVGRGDF VVNIGVGQVI KGWDEGVTQM KLGEKATLHI SPDYGYGPRG FPGAIPPNST LIFDVELKKI G
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	11,884 Da
Sequence Positions	1-111aa; 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 Q4HZB8
Species	Gibberella zeae (strain PH-1 / MYA-4620 / FGSC 9075 / NRRL 31084) (Wheat head blight fungus) (Fusarium graminearum)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for FPR1 recombinant protein	MBS1324511 is a recombinant protein targeting FPR1. Also known as Recombinant Gibberella zeae FK506-binding protein 1 (FPR1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of FPR1 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 FPR1. It may not necessarily be applicable to this product.

NCBI GI #	46136349
NCBI GeneID	2791426
NCBI Accession #	XP_389866.1
UniProt Primary Accession #	Q4HZB8

UniProt Secondary Accession #	I1RZ64
UniProt Related Accession #	EAA77739
GenBank Nucleotide #	XM_389866.1
NCBI Official Full Name	hypothetical protein FG09690.1
NCBI Official Symbol	FG09690.1
UniProt Protein Name	FK506-binding protein 1
UniProt Synonym Protein Names	FkbA; Peptidyl-prolyl cis-trans isomerase; PPIase; Rapamycin-binding protein
Protein Family	FK506-binding protein
UniProt Gene Name	FPR1
UniProt Synonym Gene Names	FKBP; PPIase
UniProt Entry Name	FKBP_GIBZE
NCBI Protein Information	hypothetical protein
UniProt Comments for FPR1	PPIases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides ().
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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