Ubiquitin-Like Modifier-Activating Enzyme 5 (Os02g0506500, Loc_os02g30310) (OS02G0506500) Oryza Sativa Subsp. Japonica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ubiquitin-like modifier-activating enzyme 5 (Os02g0506500, LOC_Os02g30310), Recombinant Protein
Full Product Name	Recombinant Oryza sativa subsp. japonica Ubiquitin-like modifier-activating enzyme 5 (Os02g0506500, LOC_Os02g30310)
Product Gene Name	Os02g0506500 recombinant protein
Product Synonym Gene Name	Os02g0506500; LOC_Os02g30310
Sequence	MDEEQLRALL RDLDALKQRP DPAAIDRMRE RVAGMVTPAA AARSKIKDMS SEVVDSNPYS RLMALQRMGI VDNYERIRDY SIAIVGIGGV GSVAAEMLTR CGIGRLLLYD YDTVELANMN RLFFRPDQVG MTKTDAAVQT LSGINPDVTL ESYSLNITTV KGFETFLGSL KARSSDGRNT GVDLVLSCVD NYEARMVVNQ ACNELGQTWM ESGVSEDAVS GHIQLLVPGE TACFACAPPL VVASGVDERT LKREGVCAAS LPTTMGVVAG LLVQNALKYL LKFGQVSPYL GYNSLKDYFP TMEMKPNPQC SNPACVQRQK EYMQSKPARD AAAKAKMEAE ASAADECPVH LDNDWNISVV DDSDTVTPSI LSTGADSLPE GLVRELPTAD SYQEPVAPVT SGAIDDDLEE LQRQLDALNS S
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	43,342 Da
Sequence Positions	1-421, 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 Q6K6K7
Species	Oryza sativa subsp. japonica (Rice)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Os02g0506500 recombinant protein	MBS1376163 is a recombinant protein targeting Os02g0506500. Also known as Recombinant Oryza sativa subsp. japonica Ubiquitin-like modifier-activating enzyme 5 (Os02g0506500, LOC_Os02g30310). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Os02g0506500 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 Os02g0506500. It may not necessarily be applicable to this product.

NCBI GI #	1002243361
NCBI GeneID	4329438

NCBI Accession #	XP_015625906.1
UniProt Primary Accession #	Q6K6K7
UniProt Secondary Accession #	Q6K6K5; Q6K6K6; B9F062
UniProt Related Accession #	Q6K6K7
GenBank Nucleotide #	XM_015770420.1
NCBI Official Full Name	ubiquitin-like modifier-activating enzyme 5 isoform X4
NCBI Official Symbol	LOC4329438
NCBI Official Synonym Symbols	OsJ_06853
UniProt Protein Name	Ubiquitin-like modifier-activating enzyme 5
UniProt Gene Name	Os02g0506500
UniProt Synonym Gene Names	Ubiquitin-activating enzyme 5
NCBI Protein Information	ubiquitin-like modifier-activating enzyme 5; uncharacterized protein LOC4329438
UniProt Comments for Os02g0506500	E1-like enzyme which activates UFM1.
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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