Chloroplastic Group IIB Intron Splicing Facilitator CRS2, Chloroplastic (Os01g0132800, Loc_os01g04130) (OS01G0132800) Oryza Sativa Subsp. Japonica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Chloroplastic group IIB intron splicing facilitator CRS2, chloroplastic (Os01g0132800, LOC_Os01g04130), Recombinant Protein
Full Product Name	Recombinant Oryza sativa subsp. japonica Chloroplastic group IIB intron splicing facilitator CRS2, chloroplastic (Os01g0132800, LOC_Os01g04130)
Product Gene Name	Os01g0132800 recombinant protein
Product Synonym Gene Name	Os01g0132800; LOC_Os01g04130
Sequence	ASVPDPAARP AEYTPWLIAG LGNPGSKYHG TRHNVGFEMV DRIARDEGIT MNTIQSKSLL GIGSIGEVPV LLVKPQSYIN YSGEAIGPLA AYYQVPLRHI LVMYDEMSLP NGVLRLQRKG GHGRHNGLQN VMECLDSSRE LPRLSIGIGS PPGKMDTRAF LLQKFSSEER LQIDTALEQG VDAVRTLVLK GFSGSIERFN LVQKYKFHSV
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	28,480 Da
Sequence Positions	50-259, 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 Q5ZCL8
Species	Oryza sativa subsp. japonica (Rice)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Os01g0132800 recombinant protein	MBS1322945 is a recombinant protein targeting Os01g0132800. Also known as Recombinant Oryza sativa subsp. japonica Chloroplastic group IIB intron splicing facilitator CRS2, chloroplastic (Os01g0132800, LOC_Os01g04130). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Os01g0132800 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 Os01g0132800. It may not necessarily be applicable to this product.

NCBI GI #	1002232829
NCBI GeneID	4325801
NCBI Accession #	XP_015618622.1

UniProt Primary Accession #	Q5ZCL8
UniProt Secondary Accession #	B7EEV8
UniProt Related Accession #	Q5ZCL8
GenBank Nucleotide #	XM_015763136.1
NCBI Official Full Name	chloroplastic group IIB intron splicing facilitator CRS2, chloroplastic
NCBI Official Symbol	LOC4325801
UniProt Protein Name	Chloroplastic group IIB intron splicing facilitator CRS2, chloroplastic
UniProt Synonym Protein Names	CRS2-like protein; Chloroplastic RNA splicing factor 2
UniProt Gene Name	Os01g0132800
NCBI Protein Information	chloroplastic group IIB intron splicing facilitator CRS2, chloroplastic
UniProt Comments for Os01g0132800	Required for the splicing of group IIB introns in chloroplasts.
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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