CRS2-Associated Factor 1, Chloroplastic (Os01g0495900, Loc_os01g31110) (OS01G0495900) Oryza Sativa Subsp. Japonica Recombinant Protein

PRODUCT OVERVIEW

Product Name	CRS2-associated factor 1, chloroplastic (Os01g0495900, LOC_Os01g31110), Recombinant Protein
Full Product Name	Recombinant Oryza sativa subsp. japonica CRS2-associated factor 1, chloroplastic (Os01g0495900, LOC_Os01g31110), partial
Product Gene Name	Os01g0495900 recombinant protein
Product Synonym Gene Name	Os01g0495900; LOC_Os01g31110
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	77,989 Da
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 Q5VMQ5
Species	Oryza sativa subsp. japonica (Rice)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Os01g0495900 recombinant protein	MBS1341341 is a recombinant protein targeting Os01g0495900. Also known as Recombinant Oryza sativa subsp. japonica CRS2-associated factor 1, chloroplastic (Os01g0495900, LOC_Os01g31110), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Os01g0495900 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 Os01g0495900. It may not necessarily be applicable to this product.

NCBI GI #	1002235433
NCBI GeneID	4324537
NCBI Accession #	XP_015621913.1
UniProt Primary Accession #	Q5VMQ5
UniProt Secondary Accession #	B7EAM6
UniProt Related Accession #	Q5VMQ5

GenBank Nucleotide #	XM_015766427.1
NCBI Official Full Name	CRS2-associated factor 1, chloroplastic isoform X1
NCBI Official Symbol	LOC4324537
NCBI Official Synonym Symbols	OJ1126_G08.1
UniProt Protein Name	CRS2-associated factor 1, chloroplastic
UniProt Synonym Protein Names	Chloroplastic group IIA intron splicing facilitator CRS2-associated factor 1
UniProt Gene Name	Os01g0495900
NCBI Protein Information	CRS2-associated factor 1, chloroplastic
UniProt Comments for Os01g0495900	Required for the splicing of group IIB introns in chloroplasts. Forms splicing particles with CRS2. Interacts with RNA and confers intron specificity of the splicing particles ().
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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