Cyclin-SDS-Like (Os03g0225200, Loc_os03g12414) (OS03G0225200) Oryza Sativa Subsp. Japonica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cyclin-SDS-like (Os03g0225200, LOC_Os03g12414), Recombinant Protein
Full Product Name	Recombinant Oryza sativa subsp. japonica Cyclin-SDS-like (Os03g0225200, LOC_Os03g12414)
Product Gene Name	Os03g0225200 recombinant protein
Product Synonym Gene Name	Os03g0225200; LOC_Os03g12414
Sequence	MPPTMLASVP TRPRSHPFRR RRGAAAAAPP LLPDQIAAAA AAAAKRPAES STSASSCFHS EVISATSTTC PTSLAAAQRP EKRPRYQDVD EEQPAASECS EIIGGARPRA AEVEVSESSC LASVLESYLA CPEQLANDAE TTAYSSARED LTLSETEEEE EEEEVRSGPC ICTDCSFSPL HESSSSSDDD NAVPSPTFSL FLALAEQFVP FTHPKTPTAT DVALQAGEGK RFEDLDNEVS YERFRRRERR GVVARDYIEV YSSMLGSYGR AVVEQRVVMV NWIMEHSQAM KLQPETVFMG IGLMDRFLTR GYVKGSRNLQ LLGIACTTLA TRIEENQPYN CILQKAFKVG INTYSRSEVV AMEWLVQEVL DFQCFVTTTH HFLWFYLKAA NADDRVEDLA KYLALLSLLD HKHLSFWPST VAAAVVALAC LATNNESSCH LVMETHMRTK NDDLPECLMS LEWLTNYAS
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	51,879 Da
Sequence Positions	1-469, 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 Q10PQ9
Species	Oryza sativa subsp. japonica (Rice)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Os03g0225200 recombinant protein	MBS1471818 is a recombinant protein targeting Os03g0225200. Also known as Recombinant Oryza sativa subsp. japonica Cyclin-SDS-like (Os03g0225200, LOC_Os03g12414). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Os03g0225200 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 Os03g0225200. It may not necessarily be applicable to this product.

NCBI GI #	1002249372
NCBI GeneID	4332116

NCBI Accession #	XP_015628868.1
UniProt Primary Accession #	Q10PQ9
UniProt Secondary Accession #	Q8H7S1; Q8H7S2; A0A0N7KGV2; B7EN10
UniProt Related Accession #	Q10PQ9
GenBank Nucleotide #	XM_015773382.1
NCBI Official Full Name	cyclin-SDS-like
NCBI Official Symbol	LOC4332116
NCBI Official Synonym Symbols	SDS; OsSDS; OsJ_09984
UniProt Protein Name	Cyclin-SDS-like
UniProt Synonym Protein Names	Protein SOLO DANCERS-like
UniProt Gene Name	SDS
UniProt Synonym Gene Names	OsSDS
NCBI Protein Information	cyclin-SDS-like
UniProt Comments for Os03g0225200	Meiosis-specific cyclin. Required for normal homolog synapsis and recombination in early to mid-prophase 1.
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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