Cyclin-D5-1 (CYCD5-1) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Cyclin-D5-1 (CYCD5-1), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Cyclin-D5-1 (CYCD5-1)
Product Gene Name	CYCD5-1 recombinant protein
Product Synonym Gene Name	CYCD5-1
Sequence	MGEPKDSLAL FLCHESESSL NEDDDETIER SDKQEPHFTT TIDDEDYVAD LVLKENLRFE TLPSKTTSSS DRLIAIDWIL TTRTRFGFQH QTAYIAISYF DLFLHKRFIG LQKDETWAMR LLSVACLSLA AKMEERIVPG LSQYPQDHDF VFKPDVIRKT ELLILSTLDW KMNLITPFHY FNYFLAKISQ DNHSVSKDLV LLRSSDSLLA LTKEISFTEY RQFVVAAVTT LLASSSTSSD IRLTREEIAN KFGSISWWTS NENENVYLCY QRTLEIEERK HMTPPPEIAV SREPPASGSG AKRRLSFDDS DQSSPPAKRM RRL
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	36,926 Da
Sequence Positions	1-323, 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 Q2V3B2
Species	Arabidopsis thaliana (Mouse-ear cress)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CYCD5-1 recombinant protein	MBS1406644 is a recombinant protein targeting CYCD5-1. Also known as Recombinant Arabidopsis thaliana Cyclin-D5-1 (CYCD5-1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of CYCD5-1 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 CYCD5-1. It may not necessarily be applicable to this product.

NCBI GI #	22329219
NCBI GeneID	829917
NCBI Accession #	NP_195478.2
UniProt Primary Accession #	Q2V3B2

UniProt Secondary Accession #	Q6NMC8; Q9SZF6
UniProt Related Accession #	Q2V3B2
GenBank Nucleotide #	NM_119926.5
NCBI Official Full Name	cyclin d5;1
NCBI Official Symbol	CYCD5;1
NCBI Official Synonym Symbols	cyclin d5;1; F19F18.120; F19F18_120
UniProt Protein Name	Cyclin-D5-1
UniProt Synonym Protein Names	G1/S-specific cyclin-D5-1; CycD5;1
Protein Family	Cyclin
UniProt Gene Name	CYCD5-1
UniProt Synonym Gene Names	CycD5;1
NCBI Protein Information	cyclin d5;1
NCBI Summary for CYCD5-1	core cell cycle genes; a quantitative trait gene for endoreduplication.
Research Articles on CYCD5-1	**1.** CYCD5;1 is a quantitative trait gene for endoreduplication in Arabidopsis
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