

# Cyclin-A1-2 (CYCA1-2), Recombinant Protein

Cat      *RP13667*

Size      0.02 mg (*E-Coli*)/ 0.02 mg (*Yeast*)/ 0.1 mg (*E-Coli*)/ 0.1 mg  
(*Yeast*)/ 0.02 mg (*Baculovirus*)/ 0.02 mg (*Mammalian-Cell*)/ 0.1

Species      mg (*Baculovirus*)/ 1 mg (*E-Coli*)/ 0.1 mg (*Mammalian-Cell*)/ 1  
mg (*Yeast*)/ 1 mg (*Baculovirus*)/ 0.5 mg (*Mammalian-Cell*)  
*Oryza sativa* Subsp. *japonica* (*Rice*)

## Full Product Name

Recombinant *Oryza sativa* subsp. *japonica* Cyclin-A1-2 (CYCA1-2)

## Product Gene Name

CYCA1-2 recombinant protein

## Product Synonym Gene Name

CYCA1-2

## Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

## Sequence

MAAKRPAAGE GGGKAAAGAA AAKKRVALVN ITNVAANAANN AKFNSATWAA PVKKGSLASG RNVCTNRVSA  
VKSASAKPAP AISRHESAPQ KESVIPPKVL SIVPTAAPAP VTPCSSFVS PMHSGDSVSV DETMSMCDSM  
KSPDFEYIDN GDSSSVLGSL QRRANENLRI SEDRDVEETK WNKDAPSPME IDQICDVDNN YEDPQLCATL  
ASDIYMHLE AETRKRSTD FMETIQKDVN PSMRAILIDW LVEVAEEYRL VPDLYLTVN YIDRYLSGNE  
INRQLQLLG VACMLIAAKY EEICAPQVEE FCYITDNTYF RDEVLEMEAS VLNYLKFEVT APTAKCFLRR  
FVRVAQVSDE DPALHLEFLA NYVAELSLE YNLLSYPPSL VAASAIFLAK FILQPTKHPW NSTLAHYTQY  
KSELSDCVK ALHRLFSVGP GSNLPAIREK YTQHKKFVAK KHCPPSPVSE FFRDATC

## Sequence Positions

1-477, Full length protein

## Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

## Host

*E. coli* or Yeast or Baculovirus or Mammalian Cell

## Molecular Weight

52,618 Da

## Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week.  
Repeated freezing and thawing is not recommended.

## Protein Family

Cyclin

## NCBI Accession #

Q0JPA4.2

## NCBI GI #

147743025

## NCBI GeneID

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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(Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

4324285 mg (Baculovirus)/ 1 mg (E-Coli)/ 0.1 mg (Mammalian-Cell)/ 1

mg (Yeast)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

## NCBI Official Full Name

Cyclin-A1-2

## NCBI Official Symbol

LOC4324285

## NCBI Official Synonym Symbols

CYCA1-2; P0702F03.7

## NCBI Protein Information

cyclin-A1-2

## UniProt Gene Name

CYCA1-2

## UniProt Synonym Gene Names

CycA1;2

## UniProt Protein Name

Cyclin-A1-2

## UniProt Synonym Protein Names

G2/mitotic-specific cyclin-A1-2; CycA1;2

## UniProt Primary Accession #

Q0JPA4

## UniProt Secondary Accession #

Q0JPA5; Q5NAY2

## UniProt Related Accession #

Q0JPA4

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