

Cyclin-SDS-like (Os03g0225200, LOC_Os03g12414), Recombinant Protein

Cat *RP14161*

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

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

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

Purity

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

Sequence

MPPTMLASVP TRPRSHPFRR RRGAAAAAPP LLPDQIAAAA AAAAKRPAES STSASSCFHS EVISATSTTC
PTSLAAAQRP EKRPRYQDVD EEQPAASECS EIIGGARPRA AEVEVSESSC LASVLESYLA CPEQLANDAE
TTAYSSARED LTLSETEEEE EEEVRSRGPCT ICTDCSFSPL HESSSSSDDD NAVPSPTFSL FLALAEQFVP
FTHPKTPTAT DVALQAGEGK RFEDLDNEVS YERFRRRERR GVVDYIEV YSSMLGSYGR AVVEQRVVMV
NWIMEHSQAM KLQPETVFMG IGLMDRFLTR GYVKGSRNLQ LLGIACTTLA TRIENQPIN CILQKAFKVG
INTYSRSEVV AMEWLVQEVLD FQCFVTTTH HFLWFYKAA NADDRVEDLA KYLALLSLLD HKHLSFWPST
VAAAVVALAC LATNNESSCH LVMETHMRTK NDDLPECLMS LEWLTNYAS

Sequence Positions

1-469, 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

51,879 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.

NCBI Accession

XP_015628868.1

NCBI GI

1002249372

NCBI GenBank Nucleotide

XM_015773382.1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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mg (Baculovirus)/ 1 mg (E-Coli)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Yeast)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
NCBI GeneID
4332116

NCBI Official Full Name

cyclin-SDS-like

NCBI Official Symbol

LOC4332116

NCBI Official Synonym Symbols

SDS; OsSDS; OsJ_09984

NCBI Protein Information

cyclin-SDS-like

UniProt Gene Name

SDS

UniProt Synonym Gene Names

OsSDS

UniProt Protein Name

Cyclin-SDS-like

UniProt Synonym Protein Names

Protein SOLO DANCERS-like

UniProt Primary Accession

Q10PQ9

UniProt Secondary Accession

Q8H7S1; Q8H7S2; A0A0N7KGV2; B7EN10

UniProt Related Accession

Q10PQ9

UniProt Comments

Meiosis-specific cyclin. Required for normal homolog synapsis and recombination in early to mid-prophase 1.

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