

Adagio-like protein 3 (Os11g0547000, LOC_Os11g34460), Recombinant Protein

Cat *RP14120*

Species

Oryza sativa subsp. japonica (Rice)

Full Product Name

Recombinant Oryza sativa subsp. japonica Adagio-like protein 3 (Os11g0547000, LOC_Os11g34460), partial

Product Gene Name

Os11g0547000 recombinant protein

Product Synonym Gene Name

Os11g0547000; LOC_Os11g34460

Purity

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

Format

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

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

69,580 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

Adagio-like protein

NCBI Accession

XP_015617056.1

NCBI GI

1002307324

NCBI GenBank Nucleotide

XM_015761570.1

NCBI GeneID

4350698

NCBI Official Full Name

adagio-like protein 3 isoform X1

NCBI Official Symbol

LOC4350698

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI Protein Information

adagio-like protein 3

UniProt Gene Name

Os11g0547000

UniProt Protein Name

Adagio-like protein 3

UniProt Primary Accession

Q2R2W1

UniProt Secondary Accession

Q0IS84

UniProt Related Accession

Q2R2W1

UniProt Comments

Component of an E3 ubiquitin ligase complex that plays a central role in blue light-dependent circadian cycles. Acts as a blue light photoreceptor, due to the presence of FMN, that mediates light-regulated protein degradation of critical clock components by targeting them to the proteasome complex. The SCF(ADO3) E3 ubiquitin ligase complex is involved in the regulation of circadian clock-dependent processes including transition to flowering time, hypocotyl elongation, cotyledons and leaf movement rhythms .

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