Probable RNA-dependent RNA polymerase SHL2 (SHL2), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP11223*

Species
Oryza sativa subsp. japonica (Rice)

Full Product Name
Recombinant Oryza sativa subsp. japonica Probable RNA-dependent RNA polymerase SHL2 (SHL2), partial

Product Gene Name
SHL2 recombinant protein

Product Synonym Gene Name
SHL2

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
136,534 Da

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

Protein Family
Probable RNA-dependent RNA polymerase

NCBI Accession
XP_015622237.1

NCBI GI
1002236086

NCBI GenBank Nucleotide
XM_015766751.1

NCBI GeneID
4323938

NCBI Official Full Name
probable RNA-dependent RNA polymerase SHL2

NCBI Official Symbol
LOC4323938

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI Official Synonym Symbols
SHL2; SHOOTLESS2

NCBI Protein Information
probable RNA-dependent RNA polymerase SHL2

UniProt Gene Name
SHL2

UniProt Protein Name
Probable RNA-dependent RNA polymerase SHL2

UniProt Synonym Protein Names
Protein SHOOTLESS 2

UniProt Primary Accession
Q8LHH9

UniProt Secondary Accession
Q0JM85

UniProt Related Accession
Q8LHH9

UniProt Comments
Involved in the RNA silencing pathway. Probably required for the generation of small interfering RNAs (siRNAs). Regulates shoot apical meristem (SAM) initiation and maintenance and leaf polarization through the trans-acting siRNAS (ta-siRNAs) pathway which probably modulates the expression of the ARF2, ARF3, ARF4, ARF14 and ARF15 genes.

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