

Receptor-like protein 2 (RLP2), Recombinant Protein

Cat *RP01338*

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Receptor-like protein 2 (RLP2) , partial

Product Gene Name

RLP2 recombinant protein

Product Synonym Gene Name

RLP2

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

80,576 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

Receptor-like protein

NCBI Accession

NP_173167.1

NCBI GI

15220057

NCBI GenBank Nucleotide

NM_101585.3

NCBI GeneID

838295

NCBI Official Full Name

receptor like protein 2

NCBI Official Symbol

RLP2

NCBI Official Synonym Symbols

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Receptor-like protein 2 (RLP2), Recombinant Protein

Cat *RP01338*

AtRLP2; F20D23.6; F20D23_6; receptor like protein 2

NCBI Protein Information

receptor like protein 2

NCBI Summary

Encodes a CLAVATA2 (CLV2)-related gene. Complements the *clv2* mutant when expressed under the control of the CLV2 promoter.

UniProt Gene Name

RLP2

UniProt Synonym Gene Names

AtRLP2

UniProt Protein Name

Receptor-like protein 2

UniProt Primary Accession

Q9SHI3

UniProt Related Accession

Q9SHI3

UniProt Comments

Involved in the perception of CLV3 and CLV3-like peptides, that act as extracellular signals regulating meristems maintenance.

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