

Receptor-like protein 12 (RLP12), Recombinant Protein

Cat *RP04615*

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Receptor-like protein 12 (RLP12) , partial

Product Gene Name

RLP12 recombinant protein

Product Synonym Gene Name

RLP12

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

95,284 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_177296.2

NCBI GI

42563138

NCBI GenBank Nucleotide

NM_105809.4

NCBI GeneID

843481

NCBI Official Full Name

receptor like protein 12

NCBI Official Symbol

RLP12

NCBI Official Synonym Symbols

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Receptor-like protein 12 (RLP12), Recombinant Protein

Cat *RP04615*

AtRLP12; F3I17.30; F3I17_30; receptor like protein 12

NCBI Protein Information

receptor like protein 12

NCBI Summary

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

UniProt Gene Name

RLP12

UniProt Synonym Gene Names

AtRLP12

UniProt Protein Name

Receptor-like protein 12

UniProt Primary Accession

Q9C9H7

UniProt Related Accession

Q9C9H7

UniProt Comments

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

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