

Receptor-like protein kinase 5 (RLK5), Recombinant Protein

Cat *RP01829*

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Receptor-like protein kinase 5 (RLK5) , partial

Product Gene Name

RLK5 recombinant protein

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

109,096 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 kinase

NCBI Accession

NP_194578.1

NCBI GI

15235312

NCBI GenBank Nucleotide

NM_118991.3

NCBI GeneID

828967

NCBI Official Full Name

Leucine-rich receptor-like protein kinase family protein

NCBI Official Symbol

HAE

NCBI Official Synonym Symbols

F2009.180; F2009_180; HAESA; RECEPTOR-LIKE PROTEIN KINASE 5; RLK5

NCBI Protein Information

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Receptor-like protein kinase 5 (RLK5), Recombinant Protein

Cat *RP01829*

Leucine-rich receptor-like protein kinase family protein

NCBI Summary

Member of Receptor kinase-like protein family. Controls the separation step of floral organ abscission.

UniProt Gene Name

RLK5

UniProt Synonym Gene Names

HAE

UniProt Protein Name

Receptor-like protein kinase 5

UniProt Synonym Protein Names

Protein HAESA

UniProt Primary Accession

P47735

UniProt Secondary Accession

C0LGR4

UniProt Related Accession

P47735

UniProt Comments

Receptor with a dual specificity kinase activity acting on both serine/threonine- and tyrosine-containing substrates that controls floral organ abscission. May interact with the 'INFLORESCENCE DEFICIENT IN ABSCISSION' (IDA) ligands family.

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