

Disease resistance protein RPH8A (RPH8A), Recombinant Protein

Cat *RP05301*

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Disease resistance protein RPH8A (RPH8A) , partial

Product Gene Name

RPH8A 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

105,264 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

Disease resistance protein

NCBI Accession

P59584.1

NCBI GI

29839503

NCBI Official Full Name

Disease resistance protein RPH8A

UniProt Gene Name

RPH8A

UniProt Protein Name

Disease resistance protein RPH8A

UniProt Synonym Protein Names

RPP8 homolog A

UniProt Primary Accession

P59584

UniProt Comments

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Disease resistance protein. Resistance proteins guard the plant against pathogens that contain an appropriate avirulence protein via an indirect interaction with this avirulence protein. That triggers a defense system including the hypersensitive response, which restricts the pathogen growth. In contrast to RPP8, it does not specifically recognize the Emco5 avirulence protein from *Hyaloperonospora parasitica*.

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