

# Seed allergenic protein RAG1 (RAG1), Recombinant Protein

Cat *RP11299*

Size 0.02 mg (*E-Coli*)/ 0.1 mg (*E-Coli*)/ 0.02 mg (*Yeast*)/ 0.1 mg (*Yeast*)/ 0.02 mg (*Baculovirus*)/ 0.02 mg (*Mammalian-Cell*)/ 1

mg (*E-Coli*)/ 0.1 mg (*Baculovirus*)/ 1 mg (*Yeast*)/ 0.1 mg (*Mammalian-Cell*)/ 1 mg (*Baculovirus*)/ 0.5 mg (*Mammalian-Cell*)  
Species *Oryza sativa* subsp. *japonica* (Rice)

## Full Product Name

Recombinant *Oryza sativa* subsp. *japonica* Seed allergenic protein RAG1 (RAG1)

## Product Gene Name

RAG1 recombinant protein

## Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

## Sequence

DHHQVYSPGE QCRPGISYPT YSLPQCRTL VRRQCVGRGAA SAADEQVWQD CCRQLAAVDD  
GWCRCGALDH MLSGIYRELG ATEAGHPMAE VFPGCRRGDL ERAAASLPAF CNVDIPNGPG GVCYWLGYP  
TPRTGH

## Sequence Positions

28-163, Full length protein

## Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

## Host

*E Coli* or *Yeast* or *Baculovirus* or *Mammalian Cell*

## Molecular Weight

17,568 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

Seed allergenic protein

## NCBI Accession #

XP\_015646665.1

## NCBI GI #

1002284735

## NCBI GenBank Nucleotide #

XM\_015791179.1

## NCBI GeneID

4342722

## NCBI Official Full Name

seed allergenic protein RAG1

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

# Seed allergenic protein RAG1 (RAG1), Recombinant Protein

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Size *0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1*

**NCBI Official Symbol**  
*mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)*  
LOC4342722

## NCBI Official Synonym Symbols

RA17; RAG1; OJ1116\_C08.112

## NCBI Protein Information

seed allergenic protein RAG1

## UniProt Gene Name

RAG1

## UniProt Synonym Gene Names

RA17

## UniProt Protein Name

Seed allergenic protein RAG1

## UniProt Synonym Protein Names

Seed allergenic protein RA17; Allergen: Ory s aA\_TI

## UniProt Primary Accession #

Q01883

## UniProt Secondary Accession #

Q01884; Q0D7S5; Q8H4M2

## UniProt Related Accession #

Q01883

## UniProt Comments

Seed storage protein.

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