

# Ras-related protein RABG1 (RABG1), Recombinant Protein

Cat RP05149

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-  
Arabidopsis thaliana (Mouse-ear cress)  
Cell)

## Full Product Name

Recombinant Arabidopsis thaliana Ras-related protein RABG1 (RABG1)

## Product Gene Name

RABG1 recombinant protein

## Product Synonym Gene Name

RABG1

## Purity

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

## Sequence

MEKTKLKIIL LGDSGVGKTS LLKRYNDKDF KQLHNSTIYV DLVTKEICIA ERQVILQIWD TAGQERFKSL  
PSRFYRDTDC CVLVYDVNTL KTFESIDNWH DEFIKQANPE TPTKFPFVLM GNKTDVNNGK PRVVAKEIAD  
QWCGSKGNIV YFETSAKAKI NVEEAFLEIA KKALTNERQI DDMERYRSVV PTIEKETPRS RCSC

## Sequence Positions

1-204, 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

23,496 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

Ras-related protein

## NCBI Accession #

NP\_568566.1

## NCBI GI #

18421886

## NCBI GenBank Nucleotide #

NM\_123324.1

## NCBI GeneID

833958

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg  
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-  
Cell)  
RAB GTPase homolog G1

## NCBI Official Full Name

## NCBI Official Symbol

RABG1

## NCBI Official Synonym Symbols

AtRABG1; MIJ24.90; MIJ24\_90; RAB GTPase homolog G1

## NCBI Protein Information

RAB GTPase homolog G1

## UniProt Gene Name

RABG1

## UniProt Synonym Gene Names

RAB78; AtRABG1; AtRab78

## UniProt Protein Name

Ras-related protein RABG1

## UniProt Synonym Protein Names

Ras-related protein Rab78; AtRab78

## UniProt Primary Accession #

Q948K6

## UniProt Secondary Accession #

Q9FK99

## UniProt Related Accession #

Q948K6

## UniProt Comments

Intracellular vesicle trafficking and protein transport.

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