

Ras-related protein RABG2 (RABG2), Recombinant Protein

Cat RP05382

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

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana Ras-related protein RABG2 (RABG2)

Product Gene Name

RABG2 recombinant protein

Product Synonym Gene Name

RABG2

Purity

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

Sequence

MDSLKNRTLL KVIVLGDSGV GKTSLMNQYV YKKFNKQYKA TIGADFVTK LHI DEKSVTL QIWDTAGQER
FQSLGAIFYR GADCCVLVYD VNNLKS FETL NNWHTFLKQ ANPMEPETFP FVLIGNKTDV DGGNSRVVSN
KRAIEWCGSK GNIPYHETSA KEDTNIDEAF LSAHIALSN ERKQSNDIYP RGQYHDSVTD IIDPDQSRGC AC

Sequence Positions

1-212, 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

22,925 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_001118357.1

NCBI GI

186502145

NCBI GenBank Nucleotide

NM_001124885.1

NCBI GeneID

816724

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Ras-related protein RABG2 (RABG2), Recombinant Protein

Cat *RP05382*

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)
RAB GTPase homolog 7A

NCBI Official Full Name

NCBI Official Symbol

RAB7A

NCBI Official Synonym Symbols

ARABIDOPSIS RAB GTPASE HOMOLOG G2; ATRAB7A; ATRABG2; F7D8.20; F7D8_20; RAB GTPase
homolog 7A

NCBI Protein Information

RAB GTPase homolog 7A

UniProt Gene Name

RABG2

UniProt Synonym Gene Names

RAB77; RAB7A; AtRABG2; AtRab77; AtRab7a

UniProt Protein Name

Ras-related protein RABG2

UniProt Synonym Protein Names

Ras-related protein Rab77; AtRab77; Ras-related protein Rab7a; AtRab7a

UniProt Primary Accession

Q9SJ11

UniProt Secondary Accession

Q948K7; B3H781

UniProt Related Accession

Q9SJ11

UniProt Comments

Intracellular vesicle trafficking and protein transport.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY