

Probable membrane-associated kinase regulator 2 (MAKR2), Recombinant Protein

Cat RP04797

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

Species 0.1 mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant Arabidopsis thaliana Probable membrane-associated kinase regulator 2 (MAKR2)

Product Gene Name

MAKR2 recombinant protein

Product Synonym Gene Name

MAKR2

Purity

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

Sequence

MEAFSLLNYW KNSGGAVTFL PHSSESSSSS LCRY SAGESI GTTTIVTSVT ETEDEEADEN DDEGPFFDLE
FALPAEEEDT DGGVGREGDS DCTDGGCEFK FTLSSCSGGE DRVDPDSLDD VFFKETIVEE VEPPTSSEQQ
TC CSVKAPAAQ LSASILKTAT KL RVFMLGMK KSKLIQAKSE ANFGSEDLDK QTHPPPPLSL SPESQQKSTV
TVNLKVEEVPI IISLFSRENS SKNSSSSSSS SSSSSSLKK QNGNESVVSD EKRFVMMQKY LKKVKPLYIR
VSRRYGEKLR HSGQLTAPSS ARSTAEKADS PVATKTNK P GNNINIPAGL KVVRKHLGKS RSSSSTATTP
SSTTATVTTQ SESRRRDDSL LQQQDSIQSA ILHCKRSFNS SRDKDPSVLP RSVSEPSSYE K

Sequence Positions

1-411, 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

44,511 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

Probable membrane-associated kinase regulator

NCBI Accession

NP_176591.1

NCBI GI

15222614

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI GenBank Nucleotide #
NM_105081¹⁴
mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

NCBI GenID

842712

NCBI Official Full Name

membrane-associated kinase regulator

NCBI Official Symbol

MAKR2

NCBI Official Synonym Symbols

F22C12.16; F22C12_16; MEMBRANE-ASSOCIATED KINASE REGULATOR 2

NCBI Protein Information

membrane-associated kinase regulator

NCBI Summary

Encodes a member of the MAKR (MEMBRANE-ASSOCIATED KINASE REGULATOR) gene family. MAKRs have putative kinase interacting motifs and membrane localization signals. Known members include: AT5G26230 (MAKR1), AT1G64080 (MAKR2), AT2G37380 (MAKR3), AT2G39370 (MAKR4), AT5G52870 (MAKR5) and AT5G52900 (MAKR6).

UniProt Gene Name

MAKR2

UniProt Protein Name

Probable membrane-associated kinase regulator 2

UniProt Primary Accession #

Q9SH58

UniProt Secondary Accession #

Q8GYQ8

UniProt Related Accession #

Q9SH58

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