

# 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

mg (Baculovirus)/ 1 mg (E-Coli)/ 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 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 PHSSSESSSS LCRYSGESI GTTIVTSVT ETEDEEADEN DDEGPFFDLE  
FALPAEEEDT DGGVGREGDS DCTDGGCEFK FTLSSCSGGE DRVDPDSLDD VFFKETIVEE VEPPTSSEQQ  
TCSVKAPAAQ LSASILKTAT KLRVFM LGMK KSKLIQAKSE ANFGSEDLDK QTHPPPPLSL SPESQQKSTV  
TVNLKVEEVP IISLFSRENS SKNSSSSSSS SSSSSSLKK QNGNESVVSD EKRFVMMQKY LKKVKPLYIR  
VSRRYGEKLR HSGQLTAPSS ARSTAEKADS PVATKTNNKP GNNINIPAGL KVVVRKHLGKS 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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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

mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

## NCBI GenBank Nucleotide #

NM\_105081.4

## NCBI GeneID

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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