

# Cysteine-rich receptor-like protein kinase 42 (CRK42), Recombinant Protein

**Cat** RP05125

**Size** 0.5 mg (E-Coli)/ 0.05 mg (Baculovirus)/ 0.5 mg (Yeast)/ 0.05 mg (Mammalian-Cell)/ 1 mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)

## Species

Arabidopsis thaliana (Mouse-ear cress)

## Full Product Name

Recombinant Arabidopsis thaliana Cysteine-rich receptor-like protein kinase 42 (CRK42), partial

## Product Gene Name

CRK42 recombinant protein

## Product Synonym Gene Name

CRK42

## Purity

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

## Sequence

SD DQRTTVSGLF CGGRSKSSAD PNYIPTFVED MHSLSLKLTT RRFATESLNS TTSIYALIQC HDDLSPSDCQ  
LCYAIARTRI PRCLPSSAR IFLDGCFLRY ETYEFYDESV SDASDSFSCS NDTVLDPRFG FQVSETAARV  
AVRKGGFGVA GENGVHALAQ CWESLGKEDC RVCLEKAVKE VKRCVSRREG RAMNTGCYLR YSDHKFYNGD  
GHHKFHVLFN K

## Sequence Positions

29-251

## Format

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

## Host

E Coli or Yeast or Baculovirus or Mammalian Cell

## Molecular Weight

72,706 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

Cysteine-rich receptor-like protein kinase

## NCBI Accession #

NP\_198854.3

## NCBI GI #

334188090

## NCBI GenBank Nucleotide #

NM\_123402.5

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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## NCBI GenelD

834036

## NCBI Official Full Name

cysteine-rich RLK (RECEPTOR-like protein kinase) 42

## NCBI Official Symbol

CRK42

## NCBI Official Synonym Symbols

cysteine-rich RLK (RECEPTOR-like protein kinase) 42; MPO12.90; MPO12\_90

## NCBI Protein Information

cysteine-rich RLK (RECEPTOR-like protein kinase) 42

## NCBI Summary

Encodes a cysteine-rich receptor-like protein kinase.

## UniProt Gene Name

CRK42

## UniProt Synonym Gene Names

Cysteine-rich RLK42

## UniProt Protein Name

Cysteine-rich receptor-like protein kinase 42

## UniProt Primary Accession #

Q9FNE1

## UniProt Related Accession #

Q9FNE1

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