

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 PRCLPSSSAR IFLDGCFLRY ETYEFYDESV SDASDSFSCS NDTVLDPRFG FQVSETAARV
AVRKGGFGVA GENGVALAQ 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 GeneID

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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