

Cysteine-rich receptor-like protein kinase 10 (CRK10), Recombinant Protein

Cat RP05089

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 10 (CRK10), partial

Product Gene Name

CRK10 recombinant protein

Product Synonym Gene Name

CRK10

Purity

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

Sequence

QDPTYV YHTCQNTANY TSNSTYNNNL KTLLASLSSR NASYSTGFQN ATVGQAPDRV TGLFNCRGDV STEVCRRCVS FAVNDTLTRC PNQKEATLYY DECVLRYSNQ NILSTLITG GVILVNTRNV TSNQLDLLSD LVLPTLNQAA TVALNSSKKF GTRKNNFTAL QSFYGLVQCT PDLTRQDCSR CLQLVINQIP TDRIGARIIN PSCTSRYEIY AFYTESAVPP PPPPPSISTP PVSAPPRSGK DGNSK

Sequence Positions

35-285

Format

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

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

72,955 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_567679.2

NCBI GI

30686087

NCBI GenBank Nucleotide

NM_118447.3

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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NCBI GenelD

828417

NCBI Official Full Name

cysteine-rich RLK (RECEPTOR-like protein kinase) 10

NCBI Official Symbol

CRK10

NCBI Official Synonym Symbols

cysteine-rich RLK (RECEPTOR-like protein kinase) 10; F21P8.70; F21P8_70; RLK4

NCBI Protein Information

cysteine-rich RLK (RECEPTOR-like protein kinase) 10

NCBI Summary

Encodes a receptor-like protein kinase. Naming convention from Chen et al 2003 (PMID 14756307)

UniProt Gene Name

CRK10

UniProt Synonym Gene Names

RLK4; Cysteine-rich RLK10

UniProt Protein Name

Cysteine-rich receptor-like protein kinase 10

UniProt Synonym Protein Names

Receptor-like protein kinase 4

UniProt Primary Accession

Q8GYA4

UniProt Secondary Accession

O65470; Q8H785; Q9C5T0

UniProt Related Accession

Q8GYA4

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