

Cysteine-rich receptor-like protein kinase 6 (CRK6), Recombinant Protein

Cat *RP01964*

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 6 (CRK6), partial

Product Gene Name

CRK6 recombinant protein

Product Synonym Gene Name

CRK6

Purity

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

Sequence

QDPFYL NHYCPNTTTY SSNSTYSTNL RTLLSSLSSR NASYSTGFQN ATAGKAPDRV TGLFLCRGDV
SPEVCRNCVA FSVNQTLNLC PKVREAVFYY EQCILRYSHK NILSTAITNE GEFILSNTNT ISPNQKQIDG
FTSFVSSTMS EAAGKAANSS RKLYTVNTEL TAYQONLYLL QCTPDLTRAD CLSCLQSSIN GMALSRIGAR
LYWPSCTARY ELYPFYNESA IETPPLPPP PPPPPRESLV STPISSSSL PGKSGNSTV

Sequence Positions

25-289

Format

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

Host

E. coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

75,135 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

CDPK-related kinase

NCBI Accession

NP_567678.1

NCBI GI

18416076

NCBI GenBank Nucleotide

NM_118443.3

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Cysteine-rich receptor-like protein kinase 6 (CRK6), Recombinant Protein

Cat *RP01964*

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)*

NCBI GeneID

828413

NCBI Official Full Name

cysteine-rich RLK (RECEPTOR-like protein kinase) 6

NCBI Official Symbol

CRK6

NCBI Official Synonym Symbols

cysteine-rich RLK (RECEPTOR-like protein kinase) 6; F7H19.330; F7H19_330; RECEPTOR-LIKE PROTEIN KINASE

NCBI Protein Information

cysteine-rich RLK (RECEPTOR-like protein kinase) 6

NCBI Summary

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

UniProt Gene Name

CRK6

UniProt Synonym Gene Names

RLK5; Cysteine-rich RLK6

UniProt Protein Name

Cysteine-rich receptor-like protein kinase 6

UniProt Synonym Protein Names

Receptor-like protein kinase 5

UniProt Primary Accession

Q9C5S9

UniProt Secondary Accession

O65466; Q8GX18

UniProt Related Accession

Q9C5S9

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY