

Probable serine/threonine-protein kinase NAK (NAK), Recombinant Protein

Cat RP00342

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 serine/threonine-protein kinase NAK (NAK)

Product Gene Name

NAK recombinant protein

Purity

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

Sequence

GGCFSNRIKT DIASSTWLSS KFLSRDGSKG SSTASFSYMP RTEGEILQNA NLKNFSLSEL KSATRNFRPD
SVVGEGGGFGC VFKGWIDESS LAPSKPGTGI VIAVKRLNQE GFQGHREWLA EINYLGQLDH PNLVKLIGYC
LEEEHRLLVY EFMTRGSLN HLFRRGTIFYQ PLSWNTRVRM ALGAARGLAF LHNAQPQVIY RDFKASNILL
DSYNAKLSD FGLARDGPMG DNSHVSTRVM GTQGYAAPEY LATGHLSVKS DVYSFGVVLL ELLSGRRAID
KNQPVGEHNL VDWARPYLTN KRLLRVMDP RLQGQYSLTR ALKIAVLALD CISIDAKSRP TMNEIVKTME
ELHIQKEASK EQQNPQISID NIINKSPQAV NYPRPSIM

Sequence Positions

2-389, 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

43,534 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 serine/threonine-protein kinase

NCBI Accession

NP_195849.1

NCBI GI

15241749

NCBI GenBank Nucleotide

NM_120307.4

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Probable serine/threonine-protein kinase NAK (NAK), Recombinant Protein

Cat *RP00342*

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 GeneID

831880

NCBI Official Full Name

Protein kinase superfamily protein

NCBI Official Symbol

NAK

NCBI Official Synonym Symbols

PROTEIN KINASE NAK; T1E22.50; T1E22_50

NCBI Protein Information

Protein kinase superfamily protein

NCBI Summary

Encodes a candidate protein kinase NAK that is similar to the oncogenes met and abl.

UniProt Gene Name

PBL11

UniProt Protein Name

Probable serine/threonine-protein kinase PBL11

UniProt Synonym Protein Names

PBS1-like protein 11

UniProt Primary Accession

P43293

UniProt Secondary Accession

Q0WQ30; Q9LZ96

UniProt Related Accession

P43293

UniProt Comments

May play a role in the regulation of plant growth and development (Probable). May be involved in plant defense signaling .

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY