

Elicitor peptide 7 (PEP7), Recombinant Protein

Cat RP01380

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg
(Yeast)/ 0.02 mg (Baculovirus)/ 1 mg (E-Coli)/ 0.02 mg

(Mammalian-Cell)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-
Arabidopsis thaliana (Mouse-ear cress)
Cell)

Full Product Name

Recombinant Arabidopsis thaliana Elicitor peptide 7 (PEP7)

Product Gene Name

PEP7 recombinant protein

Purity

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

Sequence

VSGNVAARKG KQTSSGKGG GTN

Sequence Positions

63-85, 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

9,286 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

Elicitor peptide

NCBI Accession

NP_001078561.1

NCBI GI

145334359

NCBI GenBank Nucleotide

NM_001085092.3

NCBI GeneID

5008207

NCBI Official Full Name

elicitor peptide 7

NCBI Official Symbol

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg
(Yeast)/ 0.02 mg (Baculovirus)/ 1 mg (E-Coli)/ 0.02 mg

PEP7 (Mammalian-Cell)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-
Cell)

NCBI Official Synonym Symbols

elicitor peptide 7 precursor

NCBI Protein Information

elicitor peptide 7 precursor

UniProt Gene Name

PEP7

UniProt Synonym Gene Names

PROPEP7

UniProt Protein Name

Elicitor peptide 7

UniProt Primary Accession

P0C1T5

UniProt Secondary Accession

Q1G3G0

UniProt Related Accession

P0C1T5

UniProt Comments

Elicitor of plant defense.

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