

Defensin-1, Recombinant Protein

Cat RP17892

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)
Pisum sativum (Garden pea)

Full Product Name

Recombinant Pisum sativum Defensin-1

Purity

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

Sequence

KTCEHLADTY RGVCFTNASC DDHCKNKAHL ISGTCHNWKC FCTQNC

Sequence Positions

1-46, 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

5,209 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

Defensin

NCBI Accession

P81929.2

NCBI GI

20139322

NCBI Official Full Name

Defensin-1

UniProt Protein Name

Defensin-1

UniProt Synonym Protein Names

Antifungal protein Psd1; Defense-related peptide 1

UniProt Primary Accession

P81929

UniProt Comments

Possesses antifungal activity sensitive to inorganic cations.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY