

Defensin D7, Recombinant Protein

Cat RP19679

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)
Spinacia oleracea (Spinach)

Full Product Name

Recombinant Spinacia oleracea Defensin D7

Purity

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

Sequence

GIFSSRKCKT PSKTFKGYCT RDSNCDTSCR YEGYPAGD

Sequence Positions

1-38, 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

4,231 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

P81573.1

NCBI GI

26393028

NCBI Official Full Name

Defensin D7

UniProt Protein Name

Defensin D7

UniProt Synonym Protein Names

Antimicrobial peptide D7; So-D7

UniProt Primary Accession

P81573

UniProt Comments

Antimicrobial peptide. Active against Fusarium spp., Gram-positive and Gram-negative bacterial pathogens.

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