

# Recombinant *Serratia marcescens* Nuclease Protein

Catalog No.: RP01595 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
<i>Serratia marcescens</i>	66715254	P13717

### Tags

No tag

### Synonyms

Endonuclease; Nuclease; nucA; nuc

## Product Information

Source	Purification
<i>Pichia</i>	> 95% by SDS-PAGE.

**Calculated MW**   **Observed MW**

### Endotoxin

<0.1EU/μg

### Formulation

Supplied as a 0.22 μm filtered solution in PBS, pH 7.4.

### Reconstitution

## Background

Catalyzes the hydrolysis of both DNA and RNA, double- or single-stranded, at the 3' position of the phosphodiester bond to produce 5'-phosphorylated mono-, di-, tri- and tetranucleotides. DNA is a slightly better substrate than RNA.

## Basic Information

### Description

Recombinant *Serratia marcescens* Nuclease Protein is produced by *Pichia* expression system. The target protein is expressed with sequence (Asp22-Asn266) of *serratia marcescens* Nuclease (Accession #WP\_015377376.1) fused with no additional amino acid.

### Bio-Activity

#### Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

## Contact

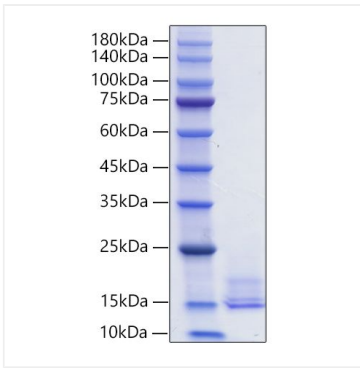
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## Validation Data

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Recombinant Human CCL16/HCC-4 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 15-20kDa.