

Recombinant *Serratia marcescens* Serralysin

Cat. No. EXWM-4322

Lot. No. (See product label)

Introduction

Description

Serralysin (EC 3.4.24.40, *Pseudomonas aeruginosa* alkaline proteinase, *Escherichia freundii* proteinase, *Serratia marcescens* extracellular proteinase, *Serratia marcescens* metalloproteinase, *Pseudomonas aeruginosa* alk. protease, *Serratia marcescens* metalloprotease) is an enzyme. This enzyme catalyses the following chemical reaction: Preferential cleavage of bonds with hydrophobic residues in P1'. This extracellular endopeptidase is present in *Pseudomonas aeruginosa*, *Escherichia freundii*, *Serratia marcescens* and *Erwinia chrysanthemi*.

Product Information

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| Species | <i>Serratia marcescens</i> |
| Source | E.coli |
| Form | Liquid or Lyophilized powder |
| EC Number | EC 3.4.24.40 |
| CAS No. | 70851-98-8 |
| Molecular Weight | 56.4 kDa |
| Purity | Greater than 85% as determined by SDS-PAGE. |
| Activity | Not detected |
| Buffer | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| Reaction | Preferential cleavage of bonds with hydrophobic residues in P1' |
| Notes | This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications. |

Storage and Shipping Information

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| Storage | Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles. |
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