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

Species	Serratia marcescens
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

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