

Bioactive

## Protease (*Staphylococcus aureus*) Native Protein

Catalog # P5339

Size 5 mg

### Specification

<b>Product Description</b>	Bacteria protease native protein from <i>Staphylococcus aureus</i> , strain V8.
<b>Background Information</b>	This enzyme will cleave peptide bonds on the carboxyl-terminal side of either aspartate or glutamate residues. Only the aspartoyl bonds of asp-gly are cleaved at a detectable rate and the glutamoyl bonds involving hydrophobic amino acids with bulky side chains are cleaved at a low rate. It does demonstrate a high level of substrate specificity.
<b>Host</b>	Bacteria
<b>Form</b>	Lyophilized
<b>Preparation Method</b>	Native protein isolated from the culture filtrate of <i>Staphylococcus aureus</i> , strain V8
<b>Activity</b>	$\geq 500$ units/mg. Unit definition: One unit will change A280nm 0.001 per minute at 37°C, pH 7.8, using casein as the substrate.
<b>Storage Instruction</b>	Store at -20°C.

### Applications

- SDS-PAGE
- Enzyme Activity