

## Active Native *S. aureus* PSM-alpha 3 protein

Cat. No. PSMA3-419S Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	This product is purified <i>Staphylococcus aureus</i> phenol soluble modulin (PSM- $\alpha$ 3) peptide.
<b>Species</b>	<i>S.aureus</i>
<b>Source</b>	<i>S. aureus</i>
<b>Description</b>	<i>S. aureus</i> secretes four short (~20 amino acids) $\alpha$ -type phenol soluble modulins of which the PSM- $\alpha$ 3 plays the most prominent role in <i>S. aureus</i> virulence. PSM toxin is a major virulence factor of <i>S. aureus</i> and primarily causes cytolysis in red and white blood cells.
<b>Form</b>	Phosphate buffered saline
<b>Bio-activity</b>	The peptide is active in functional lysis assays with horse red blood cells and human neutrophils (Data not shown). Lytic activity towards human or rabbit RBC for this product has not been tested. The peptide can be also used in serology assay as coating antigen to detect antibodies to PSM.
<b>Concentration</b>	1.15 mg/mL

### GENE INFORMATION

UniProt ID [H9BRQ7](#)

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