

## 蛋白酶 S 说明书

中文名称：蛋白酶 S

英文名称：Protease S Aureus; Endoproteinase Glu-C from  
Staphylococcus aureus V8; V8 Protease

其他名称：V8 蛋白酶 S

CAS 号：66676-43-5

级别：BR

来源：Staph aureus V8

**Activity:**  $\geq 500$ units/mg

**活力定义:** One Unit causes a change of 0.001 A280 nm per minute at 37°C, pH 7.8 using casein as the substrate

**产品描述:** Protease *S. aureus* V8 (Endoproteinase-Glu-C) specifically cleaves peptide bonds on the COOH-terminal side of either aspartic or glutamic acids. In the presence of ammonium, the enzyme specificity is limited to glutamic sites. It has a molecular weight of 27,000 daltons and optimum pH's of 4.0 and 7.8 with hemoglobin as the substrate. Protease *S. aureus* V8 is inhibited by diisopropylfluorophosphate and monovalent anions such as F<sup>-</sup>, Cl<sup>-</sup>, CH<sub>3</sub>COO<sup>-</sup> and NO<sub>3</sub>. Enzyme activity is determined by the casein digestion assay described by Drapeau (Methods Enzymol., 45, 469, 1976).

**性状(以下信息仅供参考):** 粉末。



**用途：**本品仅供科研，不得用于其它用途

**保存：**2~8℃