



Product datasheet

Recombinant staphylococcus aureus Glutamyl endopeptidase protein ab98127

描述		
产品名称	重组金黄色葡萄球菌 Glutamyl endopeptidase 蛋白	
生物活性	ab98127 cleaves at the Carboxyl side of E (can also cleave D under certain conditions). Reaction Buffer: 10 mM Tris, pH 8.0	
纯度	> 95 % SDS-PAGE. ab98127 is sterile filtered through a 0.2 micron filter. Purity is > 95% by SDS-PAGE gel and HPLC analyses.	
内毒素水平	< 0.100 Eu/µg	
表达系统	Escherichia coli	
Accession	P0C1U8	
蛋白长度	Full length protein	
无动物成分	No	
性质	Recombinant	
种属	Staphylococcus aureus	
序列	LPNNDRHQITD TTNGHYAPVTYIQVEAPTGTFIASGVVVGKD TLLTNKHV VDATHGDPHALKAFPSAINQDNYPNGGFTAEQITKYSGEDL AIVKFSPN EQNKHIGEVVKPATMSNNAETQVNQNITVTGYPGDKPVATMW ESKGKITY LKGEAMQYDLSTTGGNSGSPVFNEKNEVIGIHWGGVPNEFNG AVFINENV RNFLKQNIEDIHFANDDQPNNPDNPDNPNNDPNPNPDPEPNN PDNPNPD NPDNGDNNNSDNPDA	
预测分子量	29 kDa	
氨基酸	71 to 336	

技术指标		
Our Abpromise guarantee covers the use of ab98127 in the following tested applications.		
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.		
应用	HPLC	

SDS-PAGE

Functional Studies

形式

Lyophilized

补充说明

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制备和贮存

稳定性和存储

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Constituent: 0.121% Tris

This product is an active protein and may elicit a biological response in vivo, handle with caution.

复溶

The lyophilized protein is stable at room temperature for up to 1 month. Reconstitute in water to a concentration of 0.1-1.0 mg/ml.

常规信息

相关性

Glutamyl endopeptidase preferentially cleaves peptide bonds on the carboxyl-terminal side of aspartate and glutamate. Along with other extracellular proteases it is involved in colonization and infection of human tissues. It is required for proteolytic maturation of thiol protease sspB and inactivation of sspC, an inhibitor of sspB. It is the most important protease for degradation of fibronectin-binding protein (FnBP) and surface protein A, which are involved in adherence to host cells. It may also protect bacteria against host defense mechanism by cleaving the immunoglobulin classes IgG, IgA and IgM. It may be involved in the stability of secreted lipases.

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