

溶菌酶（lysozyme）人源

种属:	Human Cells
表达系统:	Prokaryotic expression system、Eukaryotic expression system
标签:	N-His
同用名:	Lysozyme、muramidase、N-acetylmuramide glycanohydrlase
分子量:	14.7 kD
纯度:	Greater than 95% as determined by Tris-Bis PAGE.
储存条件:	Lyophilized from a 0.2 μm filtered solution of 20mM Tris, 100mM NaCl, pH7.5.
备注:	Always centrifuge tubes before opening.Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
储存时间:	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
运输:	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.

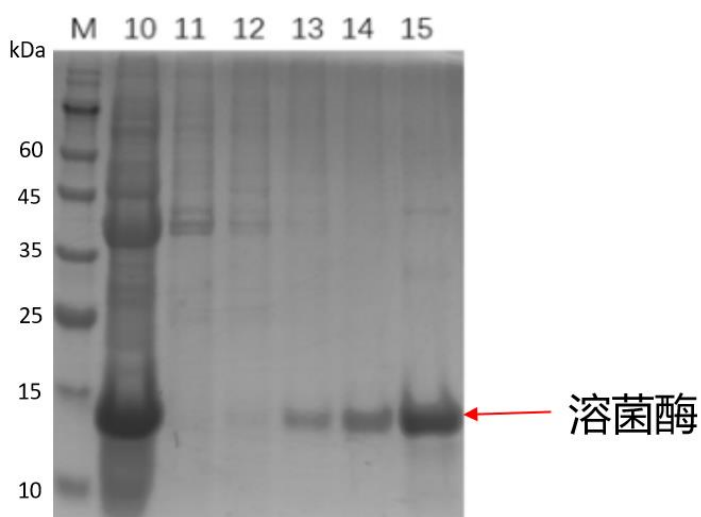
背景:

Recombinant human lysozyme is a kind of new drug which has antibacterial effect on both G+ and G- bacteria after modification by biotechnology.

Human lysozyme (hLYZ), also known as cytoplasmic enzyme, can hydrolyze the β 1~4 glycosidic bonds of mucosaccharides in bacterial cell walls, and has direct dissolution effect on Gram-positive bacteria, and indirect dissolution effect on Gram-negative bacteria with the participation of secreted immunoglobulin A and complement. For clinical treatment, hLYZ has pharmacological effects such as reducing inflammation, detumescence, tissue repair, improving local blood circulation and decomposing pus. hLYZ can also interact directly with negatively charged viral proteins, and can form double salts with DNA, RNA and apoprotein to inactivate the virus.

Human lysozyme is a kind of protein that exists naturally in human body with antibacterial, antiviral, anti-inflammatory and immune-enhancing properties. It acts directly on the bacterial cell wall, so there is no resistance to it and no immunogenicity. The recombinant human lysozyme produced by genetic engineering not only has the advantages of human lysozyme, but also overcomes the disadvantages of low activity, low yield, difficult preparation and unstable preservation of human lysozyme. Nowadays, antimicrobial abuse and drug-resistant strains are widespread. Because of its characteristics, it can make up for the deficiency of many antibiotics, and has a wide clinical application prospect.

展示数据 :



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