

Recombinant Streptolysin O (Hemolytic streptococcus) protein ab63978

5 References 1 图像

描述	
产品名称	重组Streptolysin O (Hemolytic streptococcus)蛋白
生物活性	Definition of 1HU is activation of 50% hemolysis by incubating 3% sheep red blood cells at 37? for 30 minutes. The specific activity is as high as 1,200,000- 2,000,000 hemolytic units (HU) /mg.
纯度	> 98 % SDS-PAGE. Affinity-purified with Ni colum followed by gel-filtration
表达系统	Escherichia coli
Accession	<u>Q54114</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Streptococcus
序列	MGGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDPSSR NKQN TANTETTTTN EQKPESSEL TTEKAGQKMD DMLNSNDMIK LAPKEMPLES AEKEEKKSED NKKSEEDHTE EINDKIYSLN YNELEVLAKN GETIENFVPK EGVKKADKFI VIERKKKNIN TTPVDISIID SVTDRTPAA LQLANKGFTE NKPDVVTKR NPQKIHIDLP GMGDKATVEV NDPTYANVST AIDNLVNQWH DNYSGGNTLP ARTQYTESMV YSKSQIEAAL NVNSKILDGT LGIDFKSISK GEKKVMIAAY KQIFYTVSAN LPNNPADVFD KSVTLKELQR KGVSNEAPPL FVSNVAYGRT VFKLETSSK SNDVEAAFS ALKGTDVKTN GKYSDILENS SFTAVVLGGD AAEHNKVVTK DFDVIRNVIK DNATFSRKNP AYPISYTSVF LKNNKIAGVN NRSEYVETTS TEYTSBKINL SHQGAYVAQY EILWDEINYP DKGKEVITKR RWDNNWYSKT SPFSTVIPLG ANSRNIRIMA RECTGLAWEW WRKVIDERDV

氨基酸	37 to 574
标签	His tag N-Terminus

技术指标

Our **Abpromise guarantee** covers the use of **ab63978** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE Functional Studies
形式	Liquid
补充说明	<p>Information about health hazards:</p> <p>Target: Cholesterol on human and animal cell membrane</p> <p>Health Hazards: May be fatal if enters bloodstream.</p> <p>LD50-Lethal dose (50 percent kill) intravenous,</p> <p>Rabbit, 1500 ng/kg (Ref :PHTHDT Pharmacology and Therapeutics. (Pergamon Press Ltd.,Headington Hill Hall, Oxford OX3 0BW, UK) Vol.(Issue) 11, Page 661,1981)</p> <p>Guinea pig, 12 ug/kg (Ref: BICMBE Biochimie. (SPPIF, B.P.22, F-41353 Vineuil, France, Vol. (Issue)55,Page 1187, 1973)</p> <p>Toxicity is much less when introduced via other routes of entry like interdermal injection.</p>

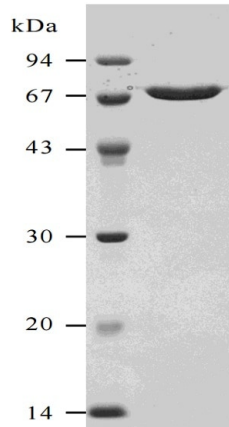
制备和贮存

稳定性和存储	<p>Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle.</p> <p>pH: 6</p> <p>Constituents: 49% Water, 0.015% DTT, 50% Glycerol (glycerin, glycerine), 0.1% Streptolysin, x1 Phosphate Buffered Saline</p> <p>This product is an active protein and may elicit a biological response in vivo, handle with caution.</p>
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常规信息

相关性	<p>Streptolysin O (SLO) is a membrane-damaging extracellular toxin produced by hemolytic streptococci. The membrane-damaging activity is measured by hemolysis of red-blood cell. SLO is oxygen-sensitive and is easily inactivated in its presence but can be reactivated by thiol compounds , so it is also called thiol-activated cytolysin. SLO is produced not only by Group A hemolytic streptococci but also by Group C and Group G strains. The amino acid sequences are highly conserved among them and their homology is over 98%.</p>
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图片



SDS-PAGE analysis of purified Streptolysin O (Hemolytic streptococcus) protein (ab63978).

SDS-PAGE - Recombinant Streptolysin O
(Hemolytic streptococcus) protein (ab63978)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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