

# Recombinant Streptolysin O (Hemolytic streptococcus) protein ab63978

5 References 画像数 1

### 製品の詳細

製品名	Recombinant Streptolysin O (Hemolytic streptococcus) protein
生理活性	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.
精製度	> 98 % SDS-PAGE. Affinity-purified with Ni colum followed by gel-filtration
発現系	Escherichia coli
アクセッション番号	<b><u>Q54114</u></b>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Streptococcus
配列	<div> MGGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDPSSR  NKQN TANTETTTTN EQKPESSEL TTEKAGQKMD  DMLNSNDMIK LAPKEMPLES AEKEEKKSED  NKKSEEDHTE EINDKIYSLN YNELEVLAKN  GETIENFVPK EGVKKADKFI VIERKKKNIN  TTPVDISIID SVTDRTPAA LQLANKGFTE  NKPDVVTKR NPQKIHIDL GMGDKATVEV  NDPTYANVST AIDNLVNQWH DNYSGGNTLP  ARTQYTESMV YSKSQIEAAL NVNSKILDGT  LGIDFKSISK GEKKVMIAAY KQIFYTVSAN  LPNNPADVFD KSVTLKELQR KGSVNEAPPL  FVSNVAYGRT VFKLETSSK SNDVEAAFS  ALKGTDVKTN GKYSDILENS SFTAVVLGGD  AAEHNKVVT KDFVIRNVIK DNATFSRKNP  AYPISYTSVF LKNNKIAGVN NRSEYVETTS  TEYTS GKINL SHQGAYVAQY EILWDEINYD  DKGKEVITKR RWDNNWYSKT SPFSTVIPLG  ANSRNIRIMA RECTGLAWEW WRKVIDERDV </div>

領域	37 to 574
タグ	His tag N-Terminus

## 特性

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.

アプリケーション	SDS-PAGE
	Functional Studies

製品の状態	Liquid
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備考	<p><b>Information about health hazards:</b></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>
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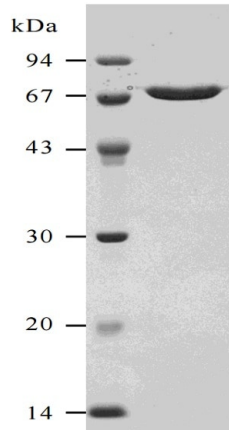
## 前処理および保存

保存方法および安定性	<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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## 関連情報

関連性	<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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## 画像



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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