

## Product datasheet

# Recombinant *S. pyogenes* Streptolysin O (Hemolytic streptococcus) protein ab126650

### Description

<b>Product name</b>	Recombinant <i>S. pyogenes</i> Streptolysin O (Hemolytic streptococcus) protein	
<b>Expression system</b>	Escherichia coli	
<b>Accession</b>	<a href="#">Q8P2T7</a>	
<b>Protein length</b>	Full length protein	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Streptococcus pyogenes	
<b>Sequence</b>	<pre> MSNKKTFKKY SRVAGLLTAA LIIGNLV TAN AESNKQNTAS TTTTTNEQP KPESSELTTE KAGQKTDDML NSNDMIKLAP KEMPLESAEK EEKKSSEDK SEEDHTEEIN DKYSLNYNE LEVLAKNGET IENFVPKEGV KKADKFVIE RKKKNINTTP VDISIIDSVT DRTYPAALQL ANKGFTENKP DAVVTKRNPQ KIHIDLPGMG DKATVEVNDP TYANVSTAI DNLVNQWHDNY SGGNTLPART QYTESMVYSK SQIEAALNVN SKILDGTLGI DFKSISKGEK KVMIAAYKQI FYTVSANLPN NPADVFDKSV TFKELQRKGV SNEAPPLFVS NVAYGRTVFV KLETSSKSND VEAAFSAALK GTDVKTNGKY SDILENSSFT AVVLGGDAE HNKVVTKDFD VIRNVIKDNA TFSRKNPAYP ISYTSVFLKN NKIAGVNNRT EYVETTSTEY TSGKINLSHR GAYVAQYEIL WDEINYDDKG KEVITKRRWD NNWYSKTSPF STVIPLGANS RNIRIMAREC TGLAWEWWRK VIDERDVKLS KEINVNISGS TLSPYGSITY K </pre>	
<b>Predicted molecular weight</b>	64 kDa	
<b>Amino acids</b>	1 to 571	

### Specifications

Our [Abpromise guarantee](#) covers the use of **ab126650** in the following tested applications.

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

**Applications** SDS-PAGE

**Form** Liquid

## Preparation and Storage

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**Stability and Storage** Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.  
pH: 8.20  
Preservative: 0.09% Sodium azide  
Constituents: 0.88% Sodium chloride, 0.32% Tris HCl

## General Info

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**Relevance** 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%.

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

## Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors