

Product datasheet

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

1 References

Description

Product name	Recombinant <i>S. pyogenes</i> Streptolysin O (Hemolytic streptococcus) protein		
Expression system	Escherichia coli		
Accession	<u>Q8P2T7</u>		
Protein length	Full length protein		
Animal free	No		
Nature	Recombinant		
Species	<i>Streptococcus pyogenes</i>		
Sequence	MSNKKTFKKY SRVAGLLTAA LIIGNLV TAN AESNKQNTAS TETTTTNEQP KPESSELTTE KAGQKTDDML NSNDMIKLAP KEMPLESAEK EEKKSSEDKKK SEEDHTEEIN DKYSLN NYE LEVLAKNGET IENFVPKEGV KKADKFVIE RKKKNINTTP VDISIIDSVT DRTYPAALQL ANKGFTENKP DAVVTKRNPQ KIHIDLPGMG DKATVEVNDP TYANVST AID NLVNQWHDNY SGGNTLPART QYTESMVYSK SQIEAALNVN SKILDGTLGI DFKSISKGEK KVMIAAYKQI FYTVSANLPN NPADVFDKSV TFKELQRKGV SNEAPPLFVS NVAYGRTVFV KLETSSKSND VEAAFSAALK GTDVKTNNGKY SDILENSSFT AVVLGGDAAE HNKVVTKDFD VIRNVIKDNA TFSRKNPAYP ISYTSVFLKN NKIAGVNNRT EYVETTSTEY TSGKINLSHR GAYVAQYEIL WDEINYDDKG KEVITKRRWD NNWYSKTSPF STVIPLGANS RNIRIMAREC TGLAWEWWRK VIDERDVKLS KEINVNISGS TLSPYGSITY K		
Predicted molecular weight	64 kDa		
Amino acids	1 to 571		
Description	Recombinant <i>S. pyogenes</i> Streptolysin O (Hemolytic streptococcus) protein		

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

Stability and Storage Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

Preservative: 0.09% Sodium azide

Constituents: 0.88% Sodium chloride, 0.32% Tris HCl

General Info

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%.

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