

# Recombinant Streptococcus pyogenes serotype M3 (strain SSI-1) SLO Protein

Cat. No. SLO-011S Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Streptococcus pyogenes serotype M3 (strain SSI-1) SLO Protein(P0DF97)(34-571 aa) was expressed in E. coli.
<b>Species</b>	Streptococcus pyogenes serotype M3 (strain SSI-1)
<b>Source</b>	E.coli
<b>ProteinLength</b>	34-571 aa
<b>Form</b>	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4.
<b>Molecular Mass</b>	Approximately 60.1 kDa, a single non-glycosylated polypeptide chain containing 538 amino acids.
<b>AASequence</b>	NKQNTASTET TTTNEQPKPE SSELTTEKAG QKTDDMLNSN DMIKLAPKEM PLESAEKEEK KSEDKKKSEE DHTEEINDKI YSLNYNELEV LAKNGETIEN FVPKEGVKKA DKFIVIERKK KNINTTPVDI SIIDSVTDRT YPAALQLANK GFTENKPDV VTKRNPQKIH IDLPGMGDKA TVEVNDPTYA NVST AidNLV NQWHDNYSGG NTLPARTQYT ESMVYSKSQI EAALNVNSKI LDGTLGIDFK SISKGEKKVM IAAYKQIFYT VSANLPNPA DVFDKSVTFK ELQRKGVSN APPLFVSNVA YGRTVFKLE TSSKSNDVEA AFSAALKGTD VKTNGKYSDI LENSSTAVV LGGDAAEHNK VTKDFDVIR NVIKDNATFS RKNPAYPISY TSVFLKNNKI AGVNNRTEYV ETTSTEYTSG KINLSHQGAY VAQYEILWDE INYDDKGKEV ITKRRWDNNW YSKTSPFSTV IPLGANSRNI RIMARECTGL

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## AWEWWRKVID ERDVKLSKEI NVNISGSTLS PYGSITYK

**Endotoxin**

Less than 0.1 EU/μg of rStreptolysin O as determined by LAL method.

**Purity**

> 97 % by SDS-PAGE and HPLC analyses.

**Storage**

Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

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