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

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

SPECIFICATION

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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	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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