

Active Recombinant Streptococcus sp. (strain 19909)STRP_STRS1 protein

Cat. No. STRP_STRS1-4580S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Streptococcus sp. (strain 19909)STRP_STRS1 protein(P10519)(27-440aa) was expressed in E. coli.
Species	Streptococcus sp.
Source	E.coli
ProteinLength	27-440aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Bio-activity	Fully biologically active when compared to standard. The specific activity determined by fibrining lysis in agarose plate is 8.0x10 ⁴ IU/mg.
Molecular Mass	27-440aa
AA Sequence	IAGPEWLLDR PSVNNSQLVV SVAGTVEGTN QDISLKFFEI DLTSRPAHGG KTEQGLSPKS KLFATDSGAM PHKLEKADLL KAIQEQLIAN VHSNDDYFEV IDFASDATIT DRNGKVYFAD KDGSVTLP IQ PVQEFLLKGH VRVRPYKEKP VQNQAKSVDV EYTVQFTPLN PDDDFRPALK DTKLLKTLAI GDTITSQELL AQAQSILNKN HPGYTIYERD SSIVTHDNDI FRTILPMDQE FTYHVKNREQ AYRINKKSGL NEEINNTDLI SEKYYVLKKG EKPYPDFDRS HCLKLFTIKYV

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DVNTNELLKS EQLLTASERN LDFRDLYDPR DKAKLLYNNL DAFGIMDYTL
 TGKVEDNHDD TNRIITVYMG KRPEGENASY HLAYDKDRYT EEEREVYSYL
 RYTGTPIPDN PNDK

Endotoxin	Less than 1.0 EU/μg as determined by LAL method.
Purity	>97% as determined by SDS-PAGE and HPLC.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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