

Streptokinase Recombinant

Item Number	rAP-1659
Synonyms	Streptokinase, SK.
Description	Streptokinase Recombinant produced in E.Coli is a non-glycosylated polypeptide chain containing 414 amino acids and having a molecular weight of 47.3kDa. The Streptokinase is purified by proprietary chromatographic techniques.
Uniprot Accession Number	
Amino Acid Sequence	IAGPEWLLDR PSVNNSQLVV SVAGTVEGTN QDISLKFFEI DLTSRPAHGG KTEQGLSPKS KLFATDSGAM PHKLEKADLL KAIQEQLIAN VHSNDDYFEV IDFASDATIT DRNGKVYFAD KDGSVTLP PVQEFLLKGG VRVVPYKEKP VQNQAKSVDV EYTVQFTPLN PDDDFRPALK DTKLLKTLAI GDTITSQELL AQAQSILNKN HPGYTIYERD SSVITHDNDI FRTLTPMDQE FTYHVKNREQ AYRINKKSGI NEEINNTDLI SEKYYVLKKG EKPYPDFDRS HLKLFITIKYV DVNTNELLKS EQLLTASERN LDFRDLYDPR DKAKLLYNNL DAFGIMDYTL TGKVEDNHDD TNRIITVYMG KRPEGENASY HLAYDKDRYT EEEREVYSYL RYTGTPIPDN PNDK.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Streptokinase although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Streptokinase should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.
Formulation and Purity	Lyophilized from a 0.2µm filtered concentrated (1mg/ml) solution in PBS, pH 7.4. Greater than 97.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized Streptokinase in sterile 18M-cm H ₂ O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	The specific biological activity measured by the ability of fibrin lysis in agarose plate was found to be 80000U/mg.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**