

Streptokinase Recombinant Protein



RPPB2392

Product Information Protein Information

Product SKU:

RPPB2392

Host:

Escherichia Coli.

Protein 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.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Streptokinase, SK.

Formulation:

Lyophilized from a 0.2µm filtered concentrated (1mg/ml) solution in PBS, pH 7.4.

Purity:

Greater than 97.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Streptokinase in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

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.

Amino Acid Sequence:

IAGPEWLLDR PSVNNSQLV SVAGTVEGTN QDISLKFFEI DLTSRPAHGG KTEQGLSPKS KLFATDSGAM
PHKLEKADLL KAIQEQLIAN VHSNDDYFEV IDFASDATIT DRNGKVYFAD KDGSVTLPIQ PVQEFLLKGH
VRVRPYKEKP VQNQAKSVDV EYTVQFTPLN PDDDFRPALK DTKLLKTLAI GDTITSQELL AQAQSILNKN
HPGYTIYERD SSIVTHDNDI FRTLPMDDQE FTYHVKNREQ AYRINKKSGL NEEINNTDLI SEKYYVLKKG
EKPYDPFDRS HCLKFTIKYV DVNTNELLKS EQLLTASERN LDFRDLYDPR DKAKLLYNNL DAFGIMDYTL
TGKVEDNHDD TNRIITVYMG KRPEGENASY HLAYDKDRYT EEEREVYSYL RYTGTPIPDN PNDK.

Biological Activity:

The specific biological activity measured by the ability of fibrin lysis in agarose plate was found to be 80000U/mg.