

Streptokinase Active Protein | skc active protein

Recombinant Streptokinase

CATALOG # AAA10820	HOST E Coli
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PRODUCT SYNONYMS

Streptokinase; Recombinant Streptokinase; Streptokinase Recombinant; SK; skc active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 97% as determined by: (a)Analysis by RP-HPLC. (b)Analysis by SDS-PAGE
Form/Format	Lyophilized from a 0.2 um filtered concentrated (1mg/ml) solution in PBS, pH 7.4. Sterile Filtered White lyophilized (freeze-dried) powder.
Concentration	1mg/ml (varies by lot)
Sequence	IAGPEWLLDR PSVNNSQLVV SVAGTVEGTN QDISLKFFEI DLTSRPAHGG KTEQGLSPKS KLFATDSGAM PHKLEKADLL KAIQEQLIAN VHSNDDYFEV IDFASDATIT DRNGKVYFAD KDGSVTLPIQ PVQEFLKKGH VRVRPYKEKP VQNQAKSVDV EYTVQFTPLN PDDDFRPALK DTKLLKTLAI GDTITSQELL AQAQSILNKN HPGYTIYERD SSIVTHDNDI FRTILPMDQE FTYHVKNREQ AYRINKKSGL NEEINNTDLI SEKYYVLKKG EKPYDPFDRS HLKLFITIKYV DVNTNELLKS EQLLTASERN LDFRDLYDPR DKAKLLYNNL DAFGIMDYTL TGKVEDNHDD TNRIITVYMG KRPEGENASY HLAYDKDRYT EEEREVYSYL RYTGTPIPDN PNDK
Sequence Length	286
Solubility	It is recommended to reconstitute the lyophilized Streptokinase in sterile 19Momega-cmH2O not less than 100ug/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.
Preparation and Storage	Lyophilized Streptokinase although stable at room temperature for 3 weeks, should be stored desiccated below -18 degree C. Upon reconstitution Streptokinase should be stored at 4 degree C between 2-7 days and for future use below -18 degree C.Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for skc active protein	Description: Streptokinase Recombinant produced in E Coli is a non-glycosylated polypeptide chain containing 414 amino acids and having a molecular weight of 47kDa.The Streptokinase is purified by proprietary chromatographic techniques. Introduction: Streptokinase is an extracellular metallo-enzyme produced by beta-haemolytic streptococcus and is used as an effective and cheap clot-dissolving medication in some cases of myocardial infarction (heart attack) and pulmonary embolism. It belongs to a group of medications known as fibrinolytics, and works by activating plasminogen through cleavage to produce plasmin.
Product Categories/Family for skc active protein	Enzymes; Protein Kinases

NCBI AND UNIPROT INFORMATION

NCBI GI #	75442713
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NCBI Official Full Name	Streptokinase
UniProt Protein Name	Plasminogen activator A
UniProt Gene Name	skc
UniProt Entry Name	Q7B2W0_STRUB

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/streptokinase/10820>