

## Streptokinase

**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.

Catalog #: ENPS-322

**Synonyms:** Streptokinase, SK.

For research use only.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile Filtered White lyophilized (freeze-dried) powder.

**Purity:** Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

**Formulation:**

Lyophilized from a 0.2

**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.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Solubility:**

It is recommended to reconstitute the lyophilized Streptokinase in sterile 18M-cm H<sub>2</sub>O not less than 100

**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.

**Biological Activity:**

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

**To place an order, please [Click HERE](#).**