

# Product Datasheet

## Recombinant Streptokinase Protein **NBP2-35313-100ug**

Unit Size: 100 ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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**NBP2-35313-100ug**

Recombinant Streptokinase Protein

**Product Information**

<b>Unit Size</b>	100 ug
<b>Concentration</b>	Lyoph
<b>Storage</b>	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Reconstitution Instructions</b>	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
<b>Purity</b>	> 97 % pure by SDS-PAGE and HPLC
<b>Buffer</b>	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4.
<b>Target Molecular Weight</b>	47.3 kDa

**Product Description**

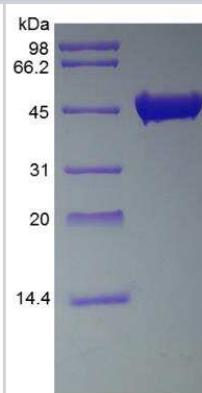
<b>Description</b>	A single non-glycosylated polypeptide chain containing 414 amino acids corresponding to Streptokinase <b>Source: E. coli</b>  <b>Uniprot ID: P10519</b>  <b>Amino Acid Sequence:</b> IAGPEWLLDR PSVNNSQLVV SVAGTVEGTN QD/SLKFFEI DLTSRPAHGG KTEQGLSPKS KLFATDSGAM PHKLEKADLL KAIQEQLIAN VHSNDDYFEV IDFASDATIT DRNGKVFAD KDGSVTLP/IQ PVQEFLLKGH VRVRPYKEKP VQNQAKSVDV EYTVQFTPLN PDDDFRPALK DTKLLKTLAI GDTITSQELL AQAQSILNKN HPGYTIYERD SSIVTHDNDI FRTILPMDQE FTYHVKNREQ AYRINKKSGL NEEINNTDLI SEKYYVLKKG EKPYDPFDRS HLKLFTIKYV DVNTNELLKS EQLLTASERN LDFRDL YDPR DKAkLLYNNL DAFGIMDYTL TGKVEDNHDD TNRIITVYMG KRPEGENASY HLAYDKDRYT EEEREVYSYL RYTGTPIPDN PNDK
<b>Details of Functionality</b>	Streptokinase Protein is Fully biologically active when compared to standard. The specific activity determined by fibrinolytic lysis in agarose plate is $8.0 \times 10^4$ IU/mg.
<b>Endotoxin Note</b>	Less than 1 EU/ug of Streptokinase as determined by LAL method.

**Product Application Details**

<b>Applications</b>	SDS-Page, Bioactivity
<b>Recommended Dilutions</b>	SDS-Page, Bioactivity

## Images

SDS-Page: Streptokinase Protein [NBP2-35313]





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## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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