

# 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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Updated 1/25/2025 v.20.1

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

<b>Product Information</b>	
<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

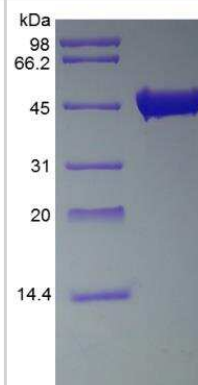
<b>Product Description</b>	
<b>Description</b>	<p>A single non-glycosylated polypeptide chain containing 414 amino acids corresponding to Streptokinase <b>Source:</b> <i>E. coli</i></p> <p><b>Uniprot ID:</b> P10519</p> <p><b>Amino Acid Sequence:</b> IAGPEWLLDR PSVNNSQLVV SVAGTVEGTN QDISLKFFEI DLTSRPAHGG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

<b>Product Application Details</b>	
<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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