

**Product:** Streptokinase, recombinant  
**Catalog #:** 12-4309  
**Amount:** 250KIU

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**DESCRIPTION:** Recombinant Streptokinase (rSK)  
rSK is a non-glycosylated polypeptide chain containing 414 amino acids and having a molecular weight of 47kDa

**SOURCE:** *Escherichia Coli* expression system

**PURITY:** > 98%, as determined by:  
(a) Analysis by RP-HPLC and anion-exchange FPLC  
(b) Analysis by reducing and non-reducing SDS-PAGE Silver Stained gel

**ENDOTOXIN:** Less than 0.1 ng/μg (IEU/μg) of rSK

**DIMERS & AGGREGATES:** Less than 1% as determined by silver stained SDS-PAGE gel analysis

**PROTEIN CONTENT:** Protein quantitation was carried out by 2 independent methods:  
- UV spectroscopy at 280 nm  
- Analysis by RP-HPLC, using a standard solution of Streptokinase as a Reference Standard

**FORM:** Purified, in 12.5mg HAS, 2.3mg Sodium phosphate dibasic, 0.55mg sodium phosphate monobasic buffer and 4.2 mg Sodium glutamate monohydrate.

**STORAGE:** -20°C (aliquot), avoid freezing and thawing cycles

**BIOLOGICAL ACTIVITY:** rSK is fully biologically active when compared to standard. One unit will liquify a standard clot of fibrinogen, plasminogen and thrombin at pH 7.5 at 37°C in 10 min..

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