

# Staphylokinase Recombinant Protein



RPPB2289

---

## Product Information    Protein Information

**Product SKU:**

RPPB2289

**Accession:**

P68802

**Host:**

Escherichia Coli.

**Protein description:**

Staphylokinase Recombinant produced in E.Coli is a non-glycosylated polypeptide chain containing 136 amino acids and having a molecular weight of 16kDa. The Staphylokinase is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Staphylokinase, SakSTAR, Neutral proteinase, Protease III, SAK.

**Formulation:**

Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.4.

**Purity:**

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

**Solubility:**

It is recommended to reconstitute the lyophilized SAK in sterile 18MΩ-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized SAK although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution SAK should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

**Biological Activity:**

The biological activity measured by the ability of fibrin lysis in agarose plate was found to be 50,000IU/mg.