

Recombinant Streptokinase (rSK)

Product Information

Cat#	DIA-844
Descriptions	Recombinant Streptokinase (rSK) is a thrombolytic enzyme that activates plasminogen through non-proteolytic complex formation to degrade fibrin clots, is widely used in thrombotic disease research, and serves as a reference material for fibrinolytic activity detection.
Applications	Recombinant Streptokinase (rSK) is used for fibrinolysis efficacy detection kits and thrombolytic mechanism assay reagent development.
CAS No.	451-01-1816
Molecular Weight	Approximately 47.3 kDa
Enzyme Source	Escherichia coli
Synonyms	Kabikinase, Streptase, Kinalysin, Plasminokinase, SK
Form	Sterile filtered white lyophilized powder Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4.
Reaction	Streptokinase is a thrombolytic agent i.e. it dissolves vascular thrombi. It acts by stimulating the conversion of plasminogen to plasmin.
Activity Definition	Fully biologically active when compared to standard. The specific activity determined by fibrinolytic lysis in agarose plate is 8.0×10^4 IU/mg.
Purity	> 97% by SDS-PAGE and HPLC
Package	100 µg, 500 µg