

Recombinant Staphylokinase (rSAK)

Product Information

Cat#	DIA-843
Descriptions	Recombinant Staphylokinase (rSAK) is a fibrinolytic activator that forms a complex with plasminogen to convert plasminogen into active plasmin, exhibits high fibrin specificity and low immunogenicity, and is applied for thrombolytic mechanism research and cardiovascular drug development.
Applications	Recombinant Staphylokinase (rSAK) is suitable for fibrinolytic activity detection kits and thrombolytic drug research reagent development.
CAS No.	451-02-1816
Molecular Weight	Approximately 15.6 kDa
Enzyme Source	Escherichia coli
Synonyms	Sak42D
Form	Sterile Filtered White Lyophilized powder Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4.
Reaction	Staphylokinase is a thrombolytic agent i.e. it dissolves vascular thrombi. This potent agent is derived from the beta haemolytic streptococci and is consequently associated with the risk of anaphylaxis. Staphylokinase 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 5.0×10^4 IU/mg.
Purity	> 97% by SDS-PAGE and HPLC
Package	100 µg, 500 µg