

32-2927: Urokinase Recombinant Protein

Alternative Name : Urokinase, Abbokinase, Urokinase-type Plasminogen Activator, uPA, EC 3.4.21.73, UK.

Description

Source : Human urine. Urokinase is a two-chain glycoprotein containing 411 amino acids with 12 disulfide bonds. Its molecular weight is 54,000 Dalton. Urokinase (UK) is a serine protease, which is one of biological plasminogen activators. It is involved in a number of biological functions including fibrinolysis, embryogenesis, cell migration, tissue remodeling, ovulation, and wound healing. It can be obtained from human urine or kidney cell culture.

Product Info

Amount : 1 mg
Purification : Greater than 94.0% as determined by SDS-PAGE.
Content : The Urokinase was lyophilized from a concentrated (1mg/ml) solution containing phosphate buffer.
Storage condition : Lyophilized Urokinase although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Urokinase should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

Application Note

It is recommended to reconstitute the lyophilized Urokinase in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

