
Product Data Sheet

Product Name: Urokinase Human
Cat. No.: GP22397
Batch No.: 1

Product Data

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|---------------------|---|--------------------|-----------------------|
| Purity | >98% | Source | Human urine. |
| Physical Appearance | solid | Shipping Condition | Shipped at Room temp. |
| Synonyms | Urokinase; Abbokinase; Urokinase-type Plasminogen Activator; uPA; EC 3.4.21.73; UK. | | |
| Solubility | It is recommended to reconstitute the lyophilized Urokinase in sterile 18MΩ-cm H ₂ O not less than 100μg/ml, which can then be further diluted to other aqueous solutions. | | |
| Formulation | The Urokinase was lyophilized from a concentrated (1mg/ml) solution containing phosphate buffer. | | |

Introduction

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.

Stability

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.

Background

Urokinase is a two-chain glycoprotein containing 411 amino acids with 12 disulfide bonds. Its molecular weight is 54,000 Dalton.

Caution: Product has not been fully validated for medical applications. For research use only.

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