

Active Native Human Urokinase

Cat. No. URG-94H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	Human urine
Description	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. UK is a two-chain glycoprotein containing 411 amino acids with 12 disulfide bonds. Its molecular weight is 54,000.
Form	Lyophilized protein
Bio-activity	1 nM UK will cause a change in absorbance of 0.001 at 405 nm in 1 minute at R/T in 100 µl reaction mixture containing 0.05 M Tris-HCl, 0.1 M NaCl, pH 7.4, using S2444 (0.6mM) as the substrate.
Molecular Mass	54.0 kDa
Endotoxin	<0.1>
Purity	Purity by SDS-PAGE: ≥90%; Purity by HPLC: ≥90%

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Usage	For Research Use Only! Not For Use in Humans.
Notes	Centrifuge the vial prior to opening
Storage	-20°C
Reconstitution	Reconstitute in sterile H ₂ O to a concentration >100 ug/ml. The solution can then be diluted into other aqueous solutions.
Shipping	Gel pack

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