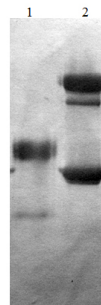


## PLAU

### Native Human Urokinase, High Molecular Weight

<b>Catalog No.</b>	CSI20068A CSI20068B	<b>Quantity:</b>	100 µg 1.0 mg
<b>Alternate Names:</b>	Plasminogen activator, ATF, UPA, URK, u-PA		
<b>Description:</b>	High Molecular Weight (HMW) Urokinase is a secreted serine protease that converts plasminogen to plasmin. The preproprotein is proteolytically processed to generate A and B polypeptide chains. These chains associate via a single disulfide bond to form the catalytically inactive HMW urokinase-type plasminogen activator (HMW-uPA). HMW-uPA can be further processed into the catalytically active low molecular weight urokinase-type plasminogen activator (LMW-uPA). This low molecular weight form does not bind to the urokinase-type plasminogen activator receptor. Native Human HMW Urokinase prepared from human urine as the two-chain form.		
<b>UniProt ID:</b>	P00749		
<b>Gene ID:</b>	5328		
<b>Source:</b>	Human urine		
<b>Molecular Weight:</b>	54 kDa		
<b>Formulation:</b>	0.05 M Sodium Acetate, 0.1 M NaCl, 1 mM EDTA, pH 5.0		
<b>Purity:</b>	>95% by SDS-PAGE analysis		
<b>Concentration:</b>	≥ 1.0 mg/ml, lot specific		
<b>Extinction Coefficient:</b>	$E_{280nm}^{0.1\%} = 1.36$		
<b>Applications:</b>	Native Human HMW Urokinase prepared from human urine as the two-chain form.		
<b>Storage &amp; Stability:</b>	Store at -80°C for up to 1 year. Upon initial thaw, prepare working aliquots and store at -80°C. <b>Avoid repeated freeze-thaw cycles.</b>		
<b>Certification:</b>	Prepared from donors shown to be non reactive for HbsAG, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.		



10% Tris-HCl SDS-PAGE  
 1 Human HMW Urokinase (5 ug) Non-reduced  
 2 Human HMW Urokinase (5 ug)  
 + PAI-1 (15 ug) Non-reduced

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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