Native Human Urokinase, High Molecular Weight

<table>
<thead>
<tr>
<th>Catalog No.</th>
<th>Quantity</th>
<th>Alternate Names</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSI20068A</td>
<td>100 µg</td>
<td>Plasminogen activator, ATF, UPA, URK, u-PA</td>
<td>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.</td>
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<tr>
<td>CSI20068B</td>
<td>1.0 mg</td>
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<td></td>
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</tbody>
</table>

UniProt ID: P00749  
Gene ID: 5328  
Source: Human urine  
Molecular Weight: 54 kDa  
Formulation: 0.05 M Sodium Acetate, 0.1 M NaCl, 1 mM EDTA, pH 5.0  
Purity: >95% by SDS-PAGE analysis  
Concentration: ≥ 1.0 mg/ml, lot specific  
Extinction Coefficient: $E_{280nm}^{0.1\%} = 1.36$  
Applications: Native Human HMW Urokinase prepared from human urine as the two-chain form.  
Storage & Stability: Store at -80°C for up to 1 year. Upon initial thaw, prepare working aliquots and store at -80°C. Avoid repeated freeze-thaw cycles.  
Certification: 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.