

## PLAU

### Human HMW Urokinase/ Plasminogen Activator, Immobilized

<b>Catalog No.</b>	CRU126B CRU126C	<b>Quantity:</b>	1 ml 10 ml
<b>Alternate Names:</b>	ATF, UPA, URK, u-PA		
<b>Description:</b>	<p>Plasminogen Activator, Urokinase is a secreted serine protease that converts plasminogen to plasmin. Urokinase pre-pro-protein is proteolytically processed to generate A and B polypeptide chains. These chains associate via a single disulfide bond to form the catalytically inactive high molecular weight 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.</p> <p>Native human two-chain high molecular weight urokinase is immobilized in a resin format.</p>		
<b>Gene ID:</b>	5328		
<b>Protein Accession No:</b>	P00749		
<b>Concentration:</b>	2.0 mg/ml coupled (2.0 ml of 1:1 slurry)		
<b>Source:</b>	Insect cells		
<b>Molecular Weight:</b>	54.0 kDa		
<b>Formulation:</b>	Resin in a buffer of 0.05 M sodium acetate + 0.1 M NaCl + 1 mM EDTA + 0.02% sodium azide, pH 5.0. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Purity:</b>	> 95% by SDS-PAGE		
<b>Biological Activity:</b>	Human immobilized two-chain high molecular weight urokinase is ideal for the controlled activation of plasminogen to plasmin. After the activation is complete, the resin is removed and the reaction is quenched. May be used to immunopurify monoclonal and polyclonal antibodies directed against human urokinase. May be used repeatedly.		
<b>Storage &amp; Stability:</b>	Store at 2-4°C.		

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