

## PLAU

### Native Human Urokinase, Plasminogen Activator

<b>Catalog No.</b>	CNH019A	<b>Quantity:</b>	1 mg
	CNH019B		5 mg
	CNH019C		25 mg

**Alternate Names:** UPA, uPA, URK, ATF, UPAM, QPD, Abbokinase

**Description:** Urokinase Plasminogen Activator (uPA) is a secreted serine protease that converts plasminogen to plasmin. Urokinase pre-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 (uPAR). Mutations in this gene may be associated with Quebec platelet disorder and late-onset Alzheimer's disease.

**Gene ID:** 5328

**Source:** Human Urine

**Molecular Weight:** > 90% High Molecular Weight Urokinase (54 kDa)

**Formulation:** Lyophilized

**Purity:** Highly Purified

**Biological Activity:** > 5,000 IU/mg

**Specific Activity:** > 70,000 IU/mg protein

**Storage & Stability:** Lyophilized product is stable at 2-8°C for up to 2 years.

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

