

## Urokinase, Human urine

Cat. No.:	HY-108904
CAS No.:	9039-53-6
Target:	Ser/Thr Protease
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

## Urokinase, Human urine

### BIOLOGICAL ACTIVITY

<b>Description</b>	Urokinase (peptidolytic) (EC 3.4.21.73) is a serine protease, an inactive form (zymogen) of the serine protease plasminogen. Activation of plasmin triggers a proteolytic cascade reaction, which in turn participates in thrombolysis or extracellular matrix degradation, implicated in vascular disease and cancer-related research <sup>[1]</sup> .
<b>In Vitro</b>	Urokinase peptidolytic(uPA) can increase the expression of uPAR protein and mRNA levels in non-small cell lung cancer (NSCLC) <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Nunzia Montuori, et al. Urokinase-mediated posttranscriptional regulation of urokinase-receptor expression in non small cell lung carcinoma. Int J Cancer. 2003 Jun 20;105(3):353-60

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA