

RPCB0227

Product Information

Product SKU:	RPCB0227	Gene ID:	5328	Size:	10µg
Tag:	C-His	Reactivity:	Human		

Additional Information

Expression Host:	HEK293 cells	Swissprot:	P00749
Purity:	> 97% by SDS-PAGE.		

Protein Information

Background: Plasminogen activator, urokinase, also known as PLAU and uPA, is a serine protease which converts plasminogen to plasmin, a broad-spectrum protease active on extracellular matrix (ECM) components. It is involved in complement activation, cell migration, wound healing, and generation of localized extracellular proteolysis during tissue remodelling, pro-hormone conversion, carcinogenesis and neoplasia. uPA and its receptor (uPAR) have been implicated in a broad spectrum of pathophysiological processes, including fibrinolysis, proteolysis, inflammation, atherogenesis and plaque destabilization, all of which are involved in the pathogenesis of MI (myocardial infarction). The role of uPA is not only does it as a kind of enzyme, but also is breast cancer, stomach cancer, colon cancer, bladder cancer, ovarian cancer, brain, and endometrial cancer markers for a strong invasion and metastasis. Because of the causal involvement of uPA in cancer invasion and metastasis, the blockade of uPA interactions and activity with specific inhibitors is of interest for novel strategies in cancer therapy.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human uPA/PLAU Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: < 0.1 EU/µg of the protein by LAL method.

Contact Details | Dublin, Ireland

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Formulation: Supplied as a 0.22 μm filtered solution in 20mM HEPES, 150mM NaCl, 2mM CaCl, 10% Glycerol, pH 7.5 Contact us for customized product form or formulation.

Storage: Store at -70°C . This product is stable at $\leq -70^{\circ}\text{C}$ for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles.

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