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Datasheet for ABIN7504511

**PLAU Protein (AA 20-432) (His tag)**

## Overview

Quantity:	100 µg
Target:	PLAU
Protein Characteristics:	AA 20-432
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLAU protein is labelled with His tag.

## Product Details

Purpose:	Rat PLAU/uPA Protein
Sequence:	Gly20-Phe432
Characteristics:	Recombinant Rat PLAU/uPA Protein is expressed from HEK293 with His tag at the C-terminus. It contains Gly20-Phe432.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 90 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	PLAU
Alternative Name:	PLAU ( <a href="#">PLAU Products</a> )

## Target Details

Background:	Plasminogen activator, urokinase (uPA) is a secreted serine protease whose Dysregulation is often accompanied by various cancers. PLAUI inhibition could suppress tumor growth. Collectively, PLAUI is necessary for tumor progression and can be a diagnostic and prognostic biomarker in HNSCC.
Molecular Weight:	46.91 kDa. The protein migrates to 30-35 kDa based on Tris-Bis PAGE result.
NCBI Accession:	<a href="#">NP_037217</a>
Pathways:	<a href="#">Cellular Response to Molecule of Bacterial Origin</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Autophagy</a> , <a href="#">Smooth Muscle Cell Migration</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22 µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months