

Datasheet for ABIN7529337  
**PLAU Protein (AA 21-431) (His tag)**



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1 Image

## Overview

Quantity:	100 µg
Target:	PLAU
Protein Characteristics:	AA 21-431
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLAU protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	<p>SNELHQVPSN CDCLNGGTCV SNKYFSNIHW CNCPKKFGGQ HCEIDKSKTC YEGNGHFYRG KASTDTMGRP CLPWNSATVL QQTYHAHRSD ALQLGLGKHN YCRNPDNRRR PWCYVQVGLK PLVQECMVHD CADGKKPSSP PEELKFQCGQ KTLRPRFKII GGEFTTIENQ PWFAAIYRRH RGGSVTYVCG GSLISPCWVI SATHCFIDYP KKEDYIVYLG RSRLNSNTQG EMKFEVENLI LHKDYSADTL AHHNDIALLK IRSKEGRCAQ PSRTIQTICL PSMYNDPQFG TSCEITGFGK ENSTDYLYPE QLKMTVVKLI SHRECQQPHY YGSEVTTKML CAADPQWKTD SCQGDSGGPL VCSLQGRMTL TGIVSWGRCG ALKDKPGVYT RVSHFLPWIR SHTKEENGLA LLEHHHHHHH</p>
Purity:	> 95 % by SDS - PAGE.
Endotoxin Level:	< 1.0 EU per 1 microgram of protein (determined by LAL method)

## Target Details

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Target:	PLAU
Alternative Name:	PLAU ( <a href="#">PLAU Products</a> )
Background:	PLAU, also known as urokinase-type plasminogen activator, is a serine protease which converts plasminogen to plasmin. It is 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 remodeling, pro-hormone conversion, carcinogenesis and neoplasia. Recombinant human PLAU, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Molecular Weight:	47.4kDa (419aa) 40-57kDa (SDS-PAGE under reducing conditions)
NCBI Accession:	<a href="#">NP_002649</a>
UniProt:	<a href="#">P00749</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

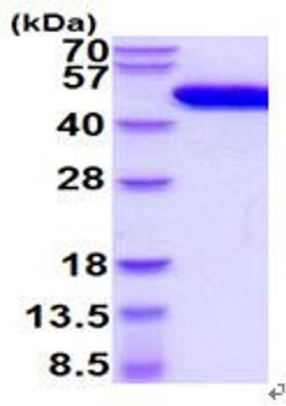
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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Liquid. In Phosphate Buffered Saline ( pH 7.4) containing 10 % glycerol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

### SDS-PAGE

Image 1.