



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### PLAU (Human) Recombinant Protein (Biotin)

**Catalog Number:** P10483

**Regulation Status:** For research use only (RUO)

**Product Description:** Human PLAU (P00749-1, Ser21-Leu431) partial recombinant protein with His-Avi tag at the C-Terminus expressed in HEK293 cells.

**Sequence:** Ser21-Leu431

**Host:** Human

**Theoretical MW (kDa):** 49.3

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Lyophilized

**Conjugation:** Biotin

**Preparation Method:** Mammalian cell (HEK293) expression system

**Purity:** > 95% by Tris-Bis PAGE  
> 95% by HPLC

**Endotoxin Level:** < 0.1 EU per 1 ug as determined by the LAL method.

**Activity:** The EC<sub>50</sub> was 13.6 ng/mL, measured by ELISA at 1 ug/mL.

**Recommend Usage:** Biological Activity

ELISA

Tris-Bis PAGE

SEC-HPLC

The optimal working dilution should be determined by the end user.

**Storage Buffer:** Lyophilized from 0.22 um filtered solution in PBS, pH 7.4. (8% trehalose).

**Storage Instruction:** Store at -20°C for 12 months. After reconstitution, store at 4°C for 2-7 days, or store at -80°C for 3-6 months.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 5328

**Gene Symbol:** PLAU

**Gene Alias:** ATF, UPA, URK, UROKINASE, u-PA

**Gene Summary:** This gene encodes a serine protease involved in degradation of the extracellular matrix and possibly tumor cell migration and proliferation. A specific polymorphism in this gene may be associated with late-onset Alzheimer's disease and also with decreased affinity for fibrin-binding. This protein converts plasminogen to plasmin by specific cleavage of an Arg-Val bond in plasminogen. Plasmin in turn cleaves this protein at a Lys-Ile bond to form a two-chain derivative in which a single disulfide bond connects the amino-terminal A-chain to the catalytically active, carboxy-terminal B-chain. This two-chain derivative is also called HMW-uPA (high molecular weight uPA). HMW-uPA can be further processed into LMW-uPA (low molecular weight uPA) by cleavage of chain A into a short chain A (A1) and an amino-terminal fragment. LMW-uPA is proteolytically active but does not bind to the uPA receptor. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]