



# 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

### PLAT (Human) Recombinant Protein (P01)

**Catalog Number:** H00005327-P01

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

**Product Description:** Human PLAT full-length ORF (NP\_000921.1, 1 a.a. - 562 a.a.) recombinant protein with GST tag at N-terminal.

**Sequence:**

MDAMKRGLCCVLLLCGAVFVSPSQEIHFRRGARSY  
QVICRDEKTQMIYQQHQSWLRPVLRSNRVEYCWNS  
GRAQCHSVPVKSCSEPRCFNGGTCQQALYFSDFCQ  
CPEGFAGKCCEIDTRATCYEDQGISYRGTWSTAESGA  
ECTNWNSSALAQKPYSRRPDAIRLGLGNHNYCRNP  
DRDSKPWCYVFKAGKYSSEFCSTPACSEGNSDCYFG  
NGSAYRGTHSLTESGASCLPWNSMILIGKVYTAQNPS  
AQALGLGKHNCRNPDGDAKPWCHVLKNNRRLTWEY  
CDVPSCSTCGLRQYSQPQFRIKGLFADIASHPWQAA  
IFAKHRRSPGERFLCGGILISSCWILSAHCFQERFPPH  
HLTIVLGRTYRVVPGEEEEQKFEVEKYIVHKEFDDTYD  
NDIALLQLKSDSSRCAQESSVVRTVCLPPADLQLPDW  
TECELSGYGKHEALSPFYSERLKEAHVRLYPSSRCTS  
QHLLNRTVTDNMLCAGDTRSGGPQANLHDACQGDGSG  
GPLVCLNDGRMTLVGIISWGLGCGQKDVPGVYTKVTN  
YLDWIRDNMRP

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 89.3

**Interspecies Antigen Sequence:** Mouse (80); Rat (82)

**Applications:** AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced

Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 5327

**Gene Symbol:** PLAT

**Gene Alias:** DKFZp686I03148, T-PA, TPA

**Gene Summary:** This gene encodes tissue-type plasminogen activator, a secreted serine protease which converts the proenzyme plasminogen to plasmin, a fibrinolytic enzyme. Tissue-type plasminogen activator is synthesized as a single chain which is cleaved by plasmin to a two chain disulfide linked protein. This enzyme plays a role in cell migration and tissue remodeling. Increased enzymatic activity causes hyperfibrinolysis, which manifests as excessive bleeding; decreased activity leads to hypofibrinolysis which can result in thrombosis or embolism. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms. [provided by RefSeq]