



# 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

### SERPINF1 (Human) Recombinant Protein

**Catalog Number:** P9022

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

**Product Description:** Human SERPINF1 (P36955, 20 a.a. - 418 a.a.) partial-length recombinant protein with His tag at N-Terminus expressed in *Escherichia coli*.

**Sequence:**

MGSSHHHHHSSGLVPRGSHMQNPASPPEEGSPDP  
DSTGALVEEEDPFFKVPVKNLAAAVSNFGYDLYRVRS  
SMSPTTNVLLSPLSVATALSALSLGAEQRTESIIHRALY  
YDLISSPDHGTYKELLDVTAPQKNLKSASRIVFEKKL  
RIKSSFVAPLEKSYGTRPRVLTGNPRLDLQEINNWWQA  
QMKGKLARSTKEIPDEISILLGVAHFQGWVTKFDSR  
KTSLEDFYLDEERTVRVPMMSDPKAVLRYGLSDLSC  
KIAQLPLTGSMSIIFLPLKVTQNLTLIEESLTSEFIHDID  
RELKTVQAVLTPKPKLSYEGETKSLQEMKLQSLFDS  
PDFSKITGKPIKLTQVEHRAGFEWNEDGAGTTPSPGL  
QPAHLTFPLDYHLNQPFFIVLRD TDTGALLFIGKILDPR  
GP.

**Host:** *Escherichia coli*

**Theoretical MW (kDa):** 46.7

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

**Form:** Liquid

**Preparation Method:** *Escherichia coli* expression system

**Purity:** > 90% by SDS PAGE

**Storage Buffer:** 20mM Tris-HCl buffer(pH 8.0), 0.1M NaCl, and 20% glycerol.

**Storage Instruction:** Store, frozen at -20°C for longer periods of time.

For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Avoid multiple freeze-thaw cycles.

**Entrez GeneID:** 5176

**Gene Symbol:** SERPINF1

**Gene Alias:** EPC-1, PEDF, PIG35

**Gene Summary:** The PEDF gene is a member of the serpin gene family. Serpins are a group of serine protease inhibitors, some of which have also been reported to exhibit neurotrophic activity.[supplied by OMIM]