



# 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

### AZU1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00000566-P01

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

**Product Description:** Human AZU1 full-length ORF ( NP\_001691.1, 1 a.a. - 251 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

```
MTRLTVLALLAGLLASSRAGSSPLLDIVGGRKARPRQF
PFLASIQNQGRHFCCGALIHARFVMTAASCFQSQNPG
VSTVVLGAYDLRRRERQSRQTFSSMSSENGYDPQQ
NLNDLMLLQLDREANLTSSVTILPLQATVEAGTRC
QVAGWGSQRSRGRLSRFPRFVNVTVPEDQCRPNN
VCTGVLTRRGICNGDGGTPLVCEGLAHGVASFSLGP
CGRGPDDFFTRVALFRDWIDGVLNNPGGPGA
```

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

**Theoretical MW (kDa):** 53.3

**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:** 566

**Gene Symbol:** AZU1

**Gene Alias:** AZAMP, AZU, CAP37, HBP, HUMAZUR, NAZC

**Gene Summary:** Azurophil granules, specialized lysosomes of the neutrophil, contain at least 10 proteins implicated in the killing of microorganisms. The protein encoded by this gene is an azurophil granule antibiotic protein, with monocyte chemotactic and antibacterial activity. It is also an important multifunctional inflammatory mediator. This encoded protein is a member of the serine protease gene family but it is not a serine proteinase, because the active site serine and histidine residues are replaced. The genes encoding this protein, neutrophil elastase 2, and proteinase 3 are in a cluster located at chromosome 19pter. All 3 genes are expressed coordinately and their protein products are packaged together into azurophil granules during neutrophil differentiation. [provided by RefSeq]