



# 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

### CPN1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00001369-P01

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

**Product Description:** Human CPN1 full-length ORF ( NP\_001299.1, 1 a.a. - 458 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MSDLLSVFLHLLLLFKLVAPVTFRRHRYDDLVRTLYKV  
QNECPGITRVYSIGRSVEGRHLYVLEFSDHPGIHEPLE  
PEVKYVGNMHGNEALGRELMLQLSEFLCEEFRNRNQ  
RIVQLIQDTRIHILPSMNPDGYEVAAAQGPKNKPGYLVG  
RNNANGVDLNRNFPDLNTYIYYNEKYGGPNHHLPLPD  
NWKSQVEPETRAVIRWMHSFNFVLSANLHGGAVVAN  
YPYDKSFEHRVVRGVRRTASTPTPDDKLFQKLAKVYSY  
AHGWMFQGWNCGDYFPDGITNGASWYSLSKGMQDF  
NYLHTNCFEITLLELSCDKFPPEEELQREWLGNREALIQ  
FLEQVHQGIKGMVLDENYNLANAVISVSGINHDVTSG  
DHGDYFRLLLPGIYTVSATAPGYDPETVTVTVGPAEPT  
LVNFHLKRSIPQVSPVRRAPSRRHGVRKVQPQARKK  
EMEMRQLQRGPA

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

**Theoretical MW (kDa):** 78.7

**Interspecies Antigen Sequence:** Mouse (83); Rat (83)

**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:** 1369

**Gene Symbol:** CPN1

**Gene Alias:** CPN, FLJ40792, SCPN

**Gene Summary:** Carboxypeptidase N is a plasma metallo-protease that cleaves basic amino acids from the C terminal of peptides and proteins. The enzyme is important in the regulation of peptides like kinins and anaphylatoxins, and has also been known as kininase-1 and anaphylatoxin inactivator. This enzyme is a tetramer comprised of two identical regulatory subunits and two identical catalytic subunits; this gene encodes the catalytic subunit. Mutations in this gene can be associated with angioedema or chronic urticaria resulting from carboxypeptidase N deficiency. [provided by RefSeq]