



# 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

### CPA6 (Human) Recombinant Protein (P01)

**Catalog Number:** H00057094-P01

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

**Product Description:** Human CPA6 full-length ORF ( NP\_065094.2, 1 a.a. - 437 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MKCLGKRRGQAAFLPLCWFLKILQPGHSHLYNNRY  
AGDKVIRFIPKTEEEAYALKKISYQLKVDLWQPSSISYV  
SEGTVTDVHIPQNGSRALLAFLQEANIQYKVLIEDLQKT  
LEKGSSLHTQRNRRSLSGYNIEVYHSLEEIQNWMHHL  
NKTHSGLIHMFSIGRSYEGRCLFILKLGRRSRLKRAVWI  
DCGIHAREWIGPAFCQWFVKEALLTYKSDPAMRKMLN  
HLYFYIMPVFNVDGYHFSWTNDRFWRKTRSRNSRFR  
CRGVDANRNWVKWCEGASMHPCCDDTYCGPFPEP  
EPEVKAVANFLRKHHRKHIRAYLSFHAYAQMMLYPYSYK  
YATIPNFRCVESAAYKAVNALQSVYGVRYRYGPASTTL  
YVSSGSSMDWAYKNGIPYAFAFELRDTGYFGFLLPEM  
LIKPTCTETMLAVKNITMHLKKCP

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

**Theoretical MW (kDa):** 77.4

**Interspecies Antigen Sequence:** Mouse (84)

**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:** 57094

**Gene Symbol:** CPA6

**Gene Alias:** CPAH

**Gene Summary:** Carboxypeptidases have functions ranging from digestion of food to selective biosynthesis of neuroendocrine peptides. Members of the A/B subfamily of carboxypeptidases, such as CPA6, contain an approximately 90-amino acid pro region that assists in the folding of the active carboxypeptidase domain. Cleavage of the pro region activates the enzyme (Wei et al., 2002 [PubMed 11836249]).[supplied by OMIM]