



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### CAPS (Human) Recombinant Protein (P01)

**Catalog Number:** H00000828-P01

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

**Product Description:** Human CAPS full-length ORF ( NP\_004049.1, 1 a.a. - 189 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MDAVDATMEKLRQCLSRGASGIQGLARFFRQLDRD  
GSRSLDADEFQGLAKLGLVLDQAEAEQVCRKWDRN  
GSGTLDLEEFRLRPPMSQAREAVIAAAFAKLDRSG  
DGVVTVDDLRLGVYSGRAHPKVRSGEWTEDEVLRFL  
DNFDSSEKDGQVTLAEFQDYSGVSASMNTDEEFVA  
MMSAWQL

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

**Theoretical MW (kDa):** 47.4

**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:** 828

**Gene Symbol:** CAPS

**Gene Alias:** CAPS1, MGC126562

**Gene Summary:** This gene encodes a calcium-binding protein, which may play a role in the regulation of ion

transport. A similar protein was first described as a potentially important regulatory protein in the dog thyroid and was termed as R2D5 antigen in rabbit. Alternative splicing of this gene generates two transcript variants. [provided by RefSeq]