



# 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

### COL4A3BP (Human) Recombinant Protein (P01)

**Catalog Number:** H00010087-P01

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

**Product Description:** Human COL4A3BP full-length ORF ( NP\_112729.1, 1 a.a. - 598 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MSDNQSWNSSGSEEDPETESGPPVERCGVLSKWTN  
YIHGWQDRWVVLKNNALSYYKSEDETEYGCRGSICLS  
KAVITPHDFDECRFDISVNDVWYLRAQDPDHRQQWI  
DAIEQHKTESGYGSESSLRRHGSMVSLVSGASGYSAT  
STSSFKKGHSLREKLAEMETFRDILCRQVDTLQKYFDA  
CADA VSKDELQRDKVVEDDEDDFPTRSDGDFLHSTN  
GNKEKLFPHVTPKINGIDFKGEAITFKATTAGILATLSH  
CIELMVKREDSWQKRLDKETEKRRTEEEAYKNAMTEL  
KKKSHFGGPDYEEGPNSLINEEEFFDAVEAALDRQDKI  
EEQSQSEKVRHLHWPTSLPSGDAFSSVGTFRFVQKVE  
EMVQNHMTYSLQDVGGDANWQLVVEEGEMKVYRRE  
VEENGIVLDPLKATHAVKGVGTGHEVCNYFWNVDRND  
WETTIENFHVVELADNIIIIYQTHKR VWPASQRDVLYL  
SVIRKIPALTENDPETWIVCNFSVDHDSAPLNNRCVRA  
KINVAMICQLVSPPEGNQEISRDNILCKITYVANVNP  
GWAPASVLRVAVAKREYPKFLKRFTSYVQEKTAGKPILF

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

**Theoretical MW (kDa):** 94.4

**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:** 10087

**Gene Symbol:** COL4A3BP

**Gene Alias:** CERT, CERTL, FLJ20597, GPBP, STARD11

**Gene Summary:** This gene encodes a kinase that specifically phosphorylates the N-terminal region of the non-collagenous domain of the alpha 3 chain of type IV collagen, known as the Goodpasture antigen. Goodpasture disease is the result of an autoimmune response directed at this antigen. One isoform of this protein is also involved in ceramide intracellular transport. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]