



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Datasheet

### COL25A1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00084570-P01

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

**Product Description:** Human COL25A1 full-length ORF (AAH36669.1, 1 a.a. - 496 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MLLKKHAGKGGGREPRSEDPTPAEQHCARTMPPCAV  
LAALLSVVAVVSCLYLGVKTNDLQARIAALESAGAPSI  
HLLPDTLDHLKTMVQEKVERLLAQSYEHMAKIRIARE  
APSECNCPAGPPGKRGKRGRRGESGPPGQPGPQGP  
PGPKGDKGEQGDQGPRGPLGPPGQKGSIGAPGIPGM  
NGQKGEPGLPGAVGQNGIPGPKGEPGEQGEKGDAG  
ENGPKGDTGEKGDGSSAAGIKGEPGESGRPGQKGE  
PGLPGLPGLPGIKGEPGFIGPQGEPGLPGLPGTKGER  
GEAGPPGRGERGEPGAPGPKGKQGESGTRGPKGSK  
GDRGEKGDGSAQGP RP GPPGQKGDQGATEIIDYNGNL  
HEALQRITTLTVTGPPGPPGQGLQGTKGEQGSPIG  
GMDGEQGLKGSKGDMDPGSQWNERRKRRFWNAG  
STGSFYHRPTRPTRSPWPTWPHGTSWTSWTKGSIWL  
RRKARIPGYRWSYGTPWPCRSQRRKR

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

**Theoretical MW (kDa):** 77.6

**Interspecies Antigen Sequence:** Mouse (75)

**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:** 84570

**Gene Symbol:** COL25A1

**Gene Alias:** CLAC, CLACP

**Gene Summary:** COL25A1 is a brain-specific membrane-bound collagen. Proteolytic processing releases CLAC, a soluble form of COL25A1 containing the extracellular collagen domains that associates with senile plaques in Alzheimer disease (AD; MIM 104300) brains (Osada et al., 2005 [PubMed 15615705]). [supplied by OMIM]