



# 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

### CD97 (Human) Recombinant Protein (P01)

**Catalog Number:** H00000976-P01

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

**Product Description:** Human CD97 full-length ORF (AAH26690, 1 a.a. - 742 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MGGRVFLAFCVWLTLPGAETQDSRGCARWCPQNSS  
CVNATACRCNPGFSSFSEIITPTETCDDINECATPSKV  
SCGKFSDCWNTEGSYDCVCSPGYEPVSGAKTFKNES  
ENTCQDVDECSSGRHQCDSSVCFNTVGSYSRCRCP  
GWKPRHGIPNNQKDTVCEDMTFSTWTPPPGVHSQTL  
SRFFDKVQDLGRDSKTSSAEVTIQNVIKLVDELMEAPG  
DVEALAPPVRHLIATQLLSNLEDIMRILAKSLPKGPFYI  
SPSNTLTLMIQERGDKNVTMGQSSARMKLNWAVAA  
GAEDPGPAVAGILSIQNMTLLANASLNHLSKKQAELE  
EIESSIRGVQLRRLSAVNSIFLSHNNTKELNSPILFAFS  
HLESSDGEAGRDPKDVMPGPRQELLCAFWKSDSD  
RGGHWATEGCQVLGSKNGSTTCQCSHLSSFAILMAH  
YDVEDWKLTLITRVGLALSFLCILLCITFLVLRPIQGSR  
TTIHLHLCICLVGSTIFLAGIENEGGQVGLRCRLVAGLL  
HYCFLAAFCWMSLEGLYFLVVRVFGGQGLSTRWL  
CLIGYGVPLLVGVSAIYSKGYGRPRYCWLD FEQGFL  
WSFLGPVTFIILCNAVIFVTTVWKLTKQFSEINPDMKKL  
KKARALTITAIQLFLLGCTWVFGFLFIFDDRSLVLTIVFT  
ILNCLQGAFLLYLLHCLLNKRVREYRKWACL VAGGSKY  
SEFTSTTSGTGHNQTRALRASESGI

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

**Theoretical MW (kDa):** 107.36

**Interspecies Antigen Sequence:** Mouse (53); Rat (52)

**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:** 976

**Gene Symbol:** CD97

**Gene Alias:** TM7LN1

**Gene Summary:** This gene is a member of the EGF-TM7 family of class II seven-span transmembrane (7-TM) molecules, likely encoded by a gene cluster on the short arm of chromosome 19. The encoded product is a glycoprotein that is present on the surface of most activated leukocytes and spans the membrane seven times, which is a defining feature of G protein-coupled receptors. The protein has an extended extracellular region with several N-terminal epidermal growth factor (EGF)-like domains, which mediate binding to its cellular ligand, decay accelerating factor (DAF, CD55), a regulatory protein of the complement cascade. The presence of structural features characteristic of extracellular matrix proteins and transmembrane proteins suggests that this protein is a receptor involved in both cell adhesion and signaling processes early after leukocyte activation. Alternative splicing has been observed for this gene and three variants have been found. [provided by RefSeq]