



# 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

### CD47 (Human) Recombinant Protein (P02)

**Catalog Number:** H00000961-P02

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

**Product Description:** Human CD47 full-length ORF ( NP\_001768.1, 1 a.a. - 323 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MWPLVAALLLGSACCGSAQLLFNKTKSVEFTFCNDTV  
VIPCFVTNMEAQNTTEVYVKWKFKGRDIYTFDGALNK  
STVPTDFSSAKIEVSQLLKGDASLKMDSKDAVSHTGN  
YTCEVTELTREGETIIEELKYRVVSWFSPNENILIVIFPIFA  
ILLFWGQFGIKTLKYRSGGMDEKTIALLVAGLVITVIVIV  
GAILFVPGEYSLKNATGLGLIVTSTGILILLHYYVFSTAIG  
LTSFVIAILVIQVIAYILAVVGLSLCIAACIPMHGPLLISGL  
SILALAQLLGLVYMKFVASNQKTIQPPRKAVEEPLNAFK  
ESKGMNDE

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

**Theoretical MW (kDa):** 61.60

**Interspecies Antigen Sequence:** Mouse (66); Rat (70)

**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:** 961

**Gene Symbol:** CD47

**Gene Alias:** IAP, MER6, OA3

**Gene Summary:** This gene encodes a membrane protein, which is involved in the increase in intracellular calcium concentration that occurs upon cell adhesion to extracellular matrix. The encoded protein is also a receptor for the C-terminal cell binding domain of thrombospondin, and it may play a role in membrane transport and signal transduction. This gene has broad tissue distribution, and is reduced in expression on Rh erythrocytes. Four alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq]