



# 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

### CD44 (Human) Recombinant Protein

**Catalog Number:** H00000960-G01

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

**Product Description:** Human CD44 full-length ORF (ENSP00000263398) recombinant protein without tag.

**Sequence:**

MDKFWWHAAWGLCLVPLSLAQIDLNITCRFAGVFHVE  
KNGRYSISRTEAADLCKAFNSTLPTMAQMEKALSIGFE  
TCRYGFIEGHVVIPRIHPNSICAAANNTGVYILTSNTSQY  
DTYCFNASAPPEEDCTSVTDLPNAFDGPITITIVNRDGT  
RYVQKGEYRTNPEDIYPSNPTDDDVSSGSSERSSTS  
GGYIFYTFSTVHPIPEDSPWITDSTDRIPATRDQDTFH  
PSGGSHTTHGSESDGSHSGSQEGGANTTSGPIRTPQI  
PEWLIILASLLALILAVCIAVNSRRRCGQKKLVINSG  
NGAVEDRKPSGLNGEASKSQEMVHLVKNKESSETPDQ  
FMTADETRNLQNVDMKIGV

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

**Theoretical MW (kDa):** 39.4

**Applications:** AP

(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

**Form:** Liquid

**Preparation Method:** [in vitro wheat germ expression system with proprietary liposome technology](#)

**Purification:** None

**Recommend Usage:** Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

**Storage Buffer:** 25 mM Tris-HCl of pH8.0 containing 2% glycerol.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 960

**Gene Symbol:** CD44

**Gene Alias:** CDW44, CSPG8, ECMR-III, HCELL, IN, LHR, MC56, MDU2, MDU3, MGC10468, MIC4, MUTCH-I, Pgp1

**Gene Summary:** The protein encoded by this gene is a cell-surface glycoprotein involved in cell-cell interactions, cell adhesion and migration. It is a receptor for hyaluronic acid (HA) and can also interact with other ligands, such as osteopontin, collagens, and matrix metalloproteinases (MMPs). This protein participates in a wide variety of cellular functions including lymphocyte activation, recirculation and homing, hematopoiesis, and tumor metastasis. Transcripts for this gene undergo complex alternative splicing that results in many functionally distinct isoforms, however, the full length nature of some of these variants has not been determined. Alternative splicing is the basis for the structural and functional diversity of this protein, and may be related to tumor metastasis. [provided by RefSeq]