



# 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

### CD68 (Human) Recombinant Protein

**Catalog Number:** P9098

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

**Product Description:** Human CD68 (P34810, 22 a.a. - 319 a.a.) partial-length recombinant protein with His tag at N-Terminus expressed in *Escherichia coli*.

**Sequence:**

MGSSHPLHHHSSGLVPRGSHMGSHMNDCPHKKSATL  
LPSFTVPTVTESTGTTSHRRTTKSHKTTTHTTTTGT  
SHGPTTATHNPTTSSHGNTVHPTSNSSTATSQGPSTA  
THSPATTSHGNATVHPTSNSSTATSPGFTSSAHPEPPP  
PSPSPSPTSKETIGDYTWNGSQPCVHLQAQIQIRVM  
YTTQGGGEAWGISVLNPNKTKVQGSCEGAHPHLLLSF  
PYGHLSFGFMQDLQKVVYLSYMAVEYNVSPHAAQ  
WTFSAQNASLRDLQAPLGQSFSCSNSSIILSPAVHLDL  
LSLRLQAAQLPHTGVFGQSFSCPSDRS

**Host:** *Escherichia coli*

**Theoretical MW (kDa):** 34.1

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product  
page for detailed protocols

**Form:** Liquid

**Preparation Method:** *Escherichia coli* expression  
system

**Purity:** > 85% by SDS-PAGE.

**Storage Buffer:** 20mM Tris-HCl buffer (pH 8.0), 0.1M  
NaCl, 1M Urea and 10% glycerol.

**Storage Instruction:** Store at -20°C. Aliquot the product  
after reconstitution to avoid repeated freezing/thawing  
cycles.

**Entrez GeneID:** 968

**Gene Symbol:** CD68

**Gene Alias:** DKFZp686M18236, GP110, SCARD1

**Gene Summary:** This gene encodes a 110-kD

transmembrane glycoprotein that is highly expressed by human monocytes and tissue macrophages. It is a member of the lysosomal/endosomal-associated membrane glycoprotein (LAMP) family. The protein primarily localizes to lysosomes and endosomes with a smaller fraction circulating to the cell surface. It is a type I integral membrane protein with a heavily glycosylated extracellular domain and binds to tissue- and organ-specific lectins or selectins. The protein is also a member of the scavenger receptor family. Scavenger receptors typically function to clear cellular debris, promote phagocytosis, and mediate the recruitment and activation of macrophages. Alternative splicing results in multiple transcripts encoding different isoforms. [provided by RefSeq]