



# 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

### MCAM (Human) Recombinant Protein (P01)

**Catalog Number:** H00004162-P01

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

**Product Description:** Human MCAM full-length ORF (AAH56418, 1 a.a. - 646 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MGLPRLVCAFLLAACCCCPRVAGVPGAEQPAPELVE  
VEVGSTALLKCGLSQSQGNLSHVDWFSVHKEKRTLIF  
RVRQGGQSEPGYEYRQLSLQDRGATLALTQVTPQD  
ERIFLCQGKRPRSQEYRIQLRVYKAPEEPNIQVNLGIP  
VNSKEPEEVATCVGRNGYPIPVQVIWYKNGRPLKEEKN  
RVHIQSSQTVESGLYTLQSILKAQLVKEDKDAQFYCE  
LNYRLPSGNHMKESREVTVPVFPYPTKVVLEVEPVG  
MLKEGDRVEIRCLADGNPPPHFSISKQNPSTREAEET  
TNDNGVLVLEPARKEHSGRYECQGLDLDTMISLLSEP  
QELLVNYVSDVRVSPAAPERQEGSSLTLTCEAESSQD  
LEFQWLREETGQVLERGPVLQLHDLKREAGGGYRCV  
ASVPSIPGLNRTQLVNVAIFGPPWMAFKERKVVWKEN  
MVLNLSCEASGHPRTISWNVNGTASEQDQDPQRVL  
STLNVLVTPELLETVECTASNDLGKNTSILFLELVNLT  
TLTPDSNTTGLSTSTASPHTRANSTSTERKLPEPESR  
GVVIVAVIVCILVLAVLGAVLYFLYKKGKLPARRSGKQEI  
TLPPSRKSELVVEVKSDKLPEEMGLLQSSGDKRAPG  
DQGEKYIDLRH

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

**Theoretical MW (kDa):** 96.8

**Interspecies Antigen Sequence:** Mouse (76); Rat (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:** 4162

**Gene Symbol:** MCAM

**Gene Alias:** CD146, MUC18

**References:**

1. Up-regulation of MUC18 in Airway Epithelial Cells by IL-13: Implications in Bacterial Adherence. Simon GC, Martin RJ, Smith S, Thaikootathil J, Bowler RP, Barenkamp SJ, Chu HW. Am J Respir Cell Mol Biol. 2011 Jan 14. [Epub ahead of print]