



# 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

### MAEA (Human) Recombinant Protein (P01)

**Catalog Number:** H00010296-P01

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

**Product Description:** Human MAEA full-length ORF (AAH06470, 1 a.a. - 385 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MTLKVQEYPTLKVPYETLNKRFRAAQKNIDREASHVT  
MVVAELEKTLSGCPAVDSVVSLLDGVVEELSVLKRKA  
VESIQAEDESAKLCRRRIEHLKEHSSDQPAASVWKR  
KRMDRMMVEHLLRCGYNTAVKLARQSGIEDLVNIEM  
FLTAKEVEESLERRETATCLAWCHDNKSRLRKMKSCL  
EFSLRIQEFIELIRQNKRLDAVRHARKHFSQAEGSQLD  
EVRQAMGMLAFPPDTHISPYKDLLDPARWRMLIQQFR  
YDNYRLHQLGNNSVFTLTQAGLSAIKTPQCYKEDGS  
SKSPDCPVCSRSLNKLAQPLMAHCANSRLVCKISGD  
VMNENPPMMLPNGYVYGYNLLSIRQDDKVVCPRT  
KEVFHFSQAEKVYIM

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

**Theoretical MW (kDa):** 68.09

**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:** 10296

**Gene Symbol:** MAEA

**Gene Alias:** EMLP, EMP, HLC-10, PIG5

**Gene Summary:** This gene product mediates the attachment of erythroblasts to macrophages. This attachment promotes terminal maturation and enucleation of erythroblasts, presumably by suppressing apoptosis. This protein is an integral membrane protein with the N-terminus on the extracellular side and the C-terminus on the cytoplasmic side of the cell. Two immunologically related isoforms of erythroblast macrophage protein with apparent molecular weights of 33 kD and 36 kD were detected in macrophage membranes; this gene encodes the larger isoform. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene, but the biological validity of some variants has not been determined. [provided by RefSeq]