

## Product datasheet

# Recombinant Human MAEA protein ab160933

1 Image

### Overview

|                       |                                |
|-----------------------|--------------------------------|
| <b>Product name</b>   | Recombinant Human MAEA protein |
| <b>Protein length</b> | Full length protein            |

### Description

|                            |             |
|----------------------------|-------------|
| <b>Nature</b>              | Recombinant |
| <b>Source</b>              | Wheat germ  |
| <b>Amino Acid Sequence</b> |             |
| <b>Species</b>             | Human       |

|                 |  |
|-----------------|--|
| <b>Sequence</b> | <p>MTLKVQEYPTLKVPYETLNKRFRAAQKNIDREASHVTM<br/> VVAELEKTLSGC<br/> PAVDSVSVSLLDGVVEELSVLKRKAVESIQAEDESAKL<br/> CKRRIEHLKEHSS<br/> DQPAAASVWKRKRMDRMMVEHLLRCGYNTAVKLAR<br/> QSGIEDLVNIEMFL<br/> TAKEVEESLERRETATCLAWCHDNKSRLRKMKSCLE<br/> FSLRIQEFIELIRQ<br/> NKRLDAVRHARKHFSQAEGSQLDEVRQAMGMLAFPP<br/> DTHISPYKDLLDPA<br/> RWRMLIQQFRYDNYRLHQLGNNSVFTLTLQAGLSAIKT<br/> PQCYKEDGSSKS<br/> PDCPVCSRSLNKLAQPLPMAHCANSRLVCKISGDVM<br/> NENPPMMLPNGYV<br/> YGYNSLLSIRQDDKVVCPRTKEVFHFSQAEEKVYIM</p> |
|-----------------|--|

|                    |                            |
|--------------------|----------------------------|
| <b>Amino acids</b> | 1 to 385                   |
| <b>Tags</b>        | proprietary tag N-Terminus |

### Specifications

Our [Abpromise guarantee](#) covers the use of **ab160933** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

|                     |              |
|---------------------|--------------|
| <b>Applications</b> | ELISA        |
|                     | Western blot |

|                         |  |
|-------------------------|--|
| <b>Form</b>             | Liquid   |
| <b>Additional notes</b> | Protein concentration is above or equal to 0.05 mg/ml. |

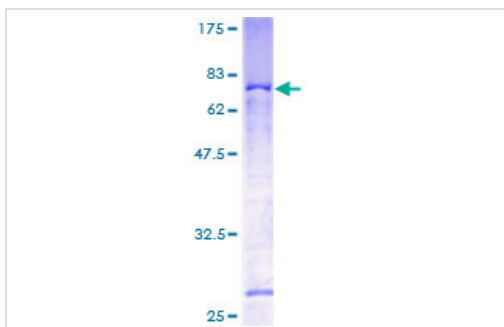
## Preparation and Storage

|                              |  |
|------------------------------|--|
| <b>Stability and Storage</b> | Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.<br>pH: 8.00<br>Constituents: 0.31% Glutathione, 0.79% Tris HCl |
|------------------------------|--|

## General Info

|                              |   |
|------------------------------|---|
| <b>Function</b>              | Plays a role in erythroblast enucleation and in the development of the mature macrophages. Mediates the attachment of erythroid cell to mature macrophages, in correlation with the presence of MAEA at cell surface of mature macrophages; This MAEA-mediated contact inhibits erythroid cells apoptosis. Participates to erythroblastic island formation, which is the functional unit of definitive erythropoiesis. Associates with F-actin to regulate actin distribution in erythroblasts and macrophages. May contribute to nuclear architecture and cells division events. |
| <b>Tissue specificity</b>    | Ubiquitous.   |
| <b>Sequence similarities</b> | Contains 1 CTLH domain.<br>Contains 1 LisH domain.  |
| <b>Developmental stage</b>   | Localized with condensed chromatin at prophase; Detected in nuclear spindle poles at metaphase and in the contractile ring during telophase and cytokinesis.  |
| <b>Cellular localization</b> | Nucleus matrix. Cell membrane. Cytoplasm, cytoskeleton. Localized as nuclear speckled-like pattern.   |

## Images



ab160933 on a 12.5% SDS-PAGE stained with Coomassie Blue.

SDS-PAGE - Recombinant Human MAEA protein  
(ab160933)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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