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Datasheet for ABIN5853143

## MAEA Protein (AA 1-396) (His tag)

### 1 Image

#### Overview

Quantity:	50 µg
Target:	MAEA
Protein Characteristics:	AA 1-396
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAEA protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

#### Product Details

Sequence:	MGSSHHHHHH SSSLVPRGSH MGSMVQESA AQLSMTLKVQ EYPTLKVPYE TLNKRFRAAQ KNIDRETSHV TMVVAELEKT LSGCPAVDSV VSLLDGVVEK LSVLKRKAVE SIQAEDSAK LCKRRIEHLK EHSSDQAAA SVWKRKRMDR MMVEHLLRCG YYNTAVKLAR QSGIEDLVNI EMFLTAKEVE ESLERRETAT CLAWCHDNKS RLRKMKSCLE FSLRIQEFIE LIRQNKRLDA VRHARKHFSQ AEGSQLDEVR QAMGMLAFPP DTHISPYKDL LDPARWRMLI QQFRYDNYRL HQLGNNVFT LTLQAGLSAI KTPQCYKEDG SSKSPDCPVC SRSLNKLAQP LPMAHCANSR LVCKISGDVM NENPPMMLP NGYVYGYNSL LSIRQDDKVV CPRTKEVFHF SQAQKVVIM
Purity:	> 85 % by SDS - PAGE

#### Target Details

Target:	MAEA
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## Target Details

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Alternative Name: MAEA ([MAEA Products](#))

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Background: Macrophage erythroblast attacher isoform 1, also known as MAEA, is a 396 amino acid ubiquitously expressed adhesion protein. Expressed as 5 alternatively spliced isoforms, MAEA contains one CTLH domain and one LisH domain. MAEA can form a complex with F-actin, which is involved regulating actin distribution in erythroblasts and macrophages. Considered to assist with cell division and nuclear architecture, MAEA is localized with condensed chromatin at prophase, nuclear spindle poles at metaphase and in the contractile ring during telophase and cytokinesis. Recombinant human MAEA protein, fused to His-tag at N-terminus, was expressed in E.coli.

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Molecular Weight: 47.7 kDa (419aa)

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NCBI Accession: [NP\\_001017405](#)

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UniProt: [Q7L5Y9](#)

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## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Comment: Denatured

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 0.25 mg/mL

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Buffer: Liquid. In 20 mM Tris-HCl buffer ( pH 8.0) containing 1M urea, 10 % glycerol

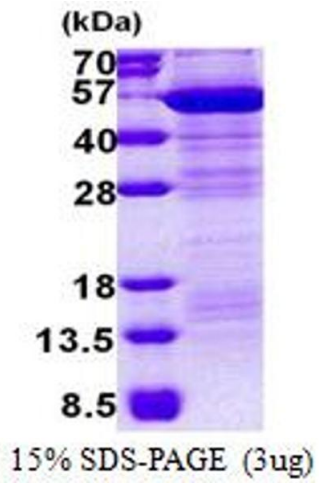
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Storage: 4 °C,-20 °C,-80 °C

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Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

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### SDS-PAGE

Image 1.