

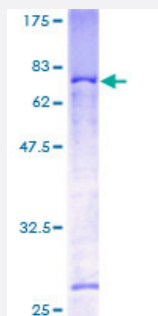
Full-Length

MAEA (Human) Recombinant Protein (P01)

Catalog # H00010296-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

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

Sequence

MTLKVQEYPTLKVPYETLNKRFRAAQKNIDREASHVTMVVAELEKTLSGCPAVDSVVSLLDGVVE
ELSVLKRKAVESIQAEDESAKLCKRRIEHLKEHSSDQPAAASVWKRKMDRMMVEHLLRCGYNN
TAVKLARQSGIEDLVNIEMFLTAKEVEESLERRETATCLAWCHDNKSRLRKMKSCLEFSLRIQEFI
ELIRQNKRLDAVRHARKHFSQAEGSQLDEVQRQAMGMLAFPPDTHISPYKDLLDPARWRMLIQQF
RYDNYRLHQLGNNSVFTLTQAGLSAICTPQCYPKEDGSSKSPDCPVCSRSLNLAQPLPMAHCA
NSRLVCKISGDVMNENPPMMLPNGYVYGYNLLSIRQDDKVVCPRTKEVFHFSQAEEKVYM

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

68.09

Interspecies Antigen Sequence

Mouse (98); Rat (98)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

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.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MAEA

Entrez GeneID[10296](#)**GeneBank Accession#**[BC006470](#)**Protein Accession#**[AAH06470](#)**Gene Name**

MAEA

Gene Alias

EMLP, EMP, HLC-10, PIG5

Gene Description

macrophage erythroblast attacher

Omim ID[606801](#)**Gene Ontology**[Hyperlink](#)**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]

Other Designations

erythroblast macrophage protein|lung cancer-related protein 10|proliferation-inducing gene 5