

MAEA recombinant protein

MAEA, 1-396aa, Human, His tag, E Coli (Denatured)

CATALOG # AAA48820	HOST E Coli	APPLICATIONS SDS-Page
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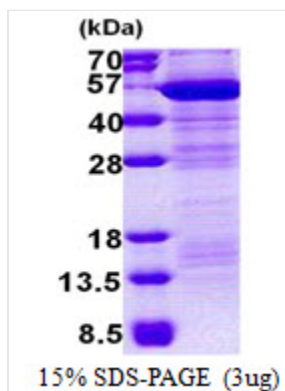
PRODUCT SYNONYMS

MAEA; 1-396aa; Human; His tag; E Coli (Denatured); Macrophage erythroblast attacher isoform 1; EMLP; EMP; GID9; HLC-10; PIG5; MAEA recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 85% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 1M urea, 10% glycerol
Concentration	0.25 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MGSMVQESA AQLSMTLKVQ EYPTLKVPYE TLNKRFRFAQ KNIDRETSHV TMVVAELEKT LSGCPAVDSV VSLLDGVVEK LSVLKRKAVE SIQAEDESAK LCKRRIEHLK EHSSDQPA SVWKRKRMDR MMVEHLLRCG YYNTAVKLAR QSGIEDLVNI EMFLTAVE ESLEERRETAT CLAWCHDNKS RLRKMKSCL FSLRIQEFIE LIRQNKRLDA VRHARKHFSQ AEGSQLDEV R QAMGMLAFPP DTHISPYKDL LDPARWRMLI QQFRYDNYRL HQLGNNSVFT LTLQAGLSAI KTPQCYKEDG SSKSPDCPVC SRSLNKLAP LPMAHCANSR LVCKISGDVM NENPPMMLP NGYVYGYNSL LSIRQDDKV CPRTKEVFHF SQAQKVYIM
Sequence Length	396
Applicable Applications for MAEA recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for MAEA recombinant protein	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.
Product Categories/Family for MAEA recombinant protein	Immunology
References	Soni S., et al. (2006) J Biol Chem. 281:20181-20189.; Bala S., et al. (2006) Biochem Biophys Res Commun. 342:1040-1048.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62953131
NCBI GeneID	10296
NCBI Accession #	NP_001017405
NCBI GenBank Nucleotide #	NM_001017405.2
UniProt Accession #	Q7L5Y9; O95285; Q5JB54; Q6ZRD6; Q9BQ11; Q9H9V6; Q9H9Z4; Q9NW84
Molecular Weight	47.7 kDa (419aa)
NCBI Official Full Name	macrophage erythroblast attacher isoform 1
NCBI Official Synonym Full Names	macrophage erythroblast attacher
NCBI Official Symbol	MAEA
NCBI Official Synonym Symbols	EMP; EMLP; GID9; PIG5; HLC-10
NCBI Protein Information	macrophage erythroblast attacher
UniProt Protein Name	Macrophage erythroblast attacher
UniProt Gene Name	MAEA
UniProt Synonym Gene Names	EMP; HLC-10

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.