



# Recombinant Human Macrophage erythroblast attacher (MAEA)

<b>Product Code</b>	CSB-EP013310HU-B
<b>Abbreviation</b>	MAEA
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q7L5Y9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MAVQESAAQL SMTLKVQEYP TLKVPYETLN KRFRAAQKNI DRETSHTVMV VAELEKTLTG CPAVDVVSL LDGVVEKLSV LKRKAVESIQ AEDESACLCK RRIEHLKEHS SDQPAAASVW KRKRMDRMMV EHLRCGYYN TAVKLARQSG IEDLVNIEMF LTAKEVEESL ERRETATCLA WCHDNKSRLR KMKSCLEFSL RIQEFIELIR QNKRLDAVRH ARKHFSQAEG SQLDEVQRAM GMLAFPPDTH ISPYKDLLDP ARWRMLIQQF RYDNYRLHQL GNNSVFTLTL QAGLSAIKTP QCYKEDGSSK SPDCPVCSRS LNKLAQPLPM AHCANSRLVC KISGDVMNEN NPPMMLPNGY VYGYNSLLSI RQDDKVVCPR TKEVFHFSQA EKVIIM
<b>Source</b>	E.coli
<b>Target Names</b>	MAEA
<b>Protein Names</b>	Recommended name: Macrophage erythroblast attacher Alternative name(s): Cell proliferation-inducing gene 5 protein Erythroblast macrophage protein Human lung cancer oncogene 10 protein Short name= HLC-10
<b>Expression Region</b>	1-396
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Extracellular domain
<b>Target Details</b>	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.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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