

Product datasheet for **SC319475**

MAEA (NM_001017405) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MAEA (NM_001017405) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAEA
Synonyms:	EMLP; EMP; GID9; HLC-10; P44EMLP; PIG5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_001017405.1
 CCCGCCGCTAATGTTTTGGCCGCTTCAAGATGGCGGTGCAGGAGTCGGCGGCTCAGTTG
 TCCATGACCCTGAAGGTCAGGAGTACCCGACCCTCAAGGTGCCCTACGAGACGCTGAAC
 AAACGCTTTTCGCGCCGCTCAGAAGAATTGACCGGGAGACCAGCCACGTACCATGGTG
 GTGGCCGAGCTGGAGAAGACGTTGAGCGGCTGCCCCCGTGGACTCCGTGGTCAGCCTG
 CTGGACGGCGTGGTGGAGAAGCTCAGCGTCCTCAAGAGGAAGCGGTGGAATCCATCCAG
 GCCGAGGACGAGAGCCCAAGCTGTGCAAGCGCCGGATCGAGCACCTCAAAGAGCATAGC
 AGCGACCAGCCCGCGGCCAGCGTGTGGAAGAGGAAGCGCATGGATCGCATGATGGTG
 GAGCACCTGCTGCGTTGCGGCTACTACAACACGGCTGTCAAGCTGGCGGCCAGAGCGGC
 ATCGAGGACCTAGTGAATATTGAGATGTTCTGACGGCCAAAGAGGTGGAGGAGTCCCTG
 GAGAGGCGTGAGACGGCCACCTGCCTGGCTGGTCCATGACAACAAGTCCCGGCTCCGG
 AAGATGAAGAGCTGCCTGGAGTTCAGCCTCAGAATCCAGGAGTTCATTGAACTCATCCGG
 CAGAATAAGAGACTGGACGCTGTGAGACATGCAAGAAAGCACTTCAGCCAAGCAGAAGGG
 AGCCAGCTGGACGAGGTGCGCCAGGCCATGGGCATGCTGGCCTTCCCGCCGACACGCAC
 ATCTCCCGTACAAGGACCTTCTGGACCCTGCACGGTGGCGGATGCTGATCCAGCAGTTC
 CGGTACGACAACCTACCGACTACACCAGCTGGGAAACAATTCTGTGTTACCCCTCACCTG
 CAGGCCGGCTCTCAGCCATCAAGACACCACAGTGTACAAGGAGGACGGCAGCTCCAAG
 AGCCCTGACTGCCTGTGTGACGCCGCTCCCTGAACAAGCTGGCGCAGCCCTGCCCATG
 GCCCACTGTGCCAATCCCGCCTGGTCTGCAAGATTTCTGGCGACGTGATGAACGAGAAC
 AATCCGCCATGATGCTGCCAACGGCTACGTCTACGGCTACAATTCTCTGCTTTCTATC
 CGTCAAGATGATAAAGTCGTGTGCCGAGAACCAAGAAGTCTTCCACTTCTCACAAGCC
 GAGAAGGTGTACATCATGTAGGCCCCACGTCGTGAAGCGCACGCCTCGGGGACGGGCTGC
 AGTGGGCGGGGAGGCCACGCCTTCTCCTGTCCCACGCTCCAGCCTGCCGCGGCTTTCT
 GTTCTTTCGACCAAAGATCCGTGAGCAACGATAAATACTCTTAGGAAGAGAGAAAATAA
 GGTTTCATAAGTTTGTACTTGAAAAATTTGGATTGGTAGGATTTTGTAAACGTC AACCC
 ATTTGATGCTTCTGAAAAGTACTTTCAACTTGCGAAGGAACTCTTCTTAAAGACTGAC
 CTA AACACCGAGGAACTTAAGAACGTTTAAAAATAGGAGTCCGTGATTTCCCTGTGT
 TTTTCAGTTTCTTCTTCTGTGAACGATGAGACTTGGAGAACGGGCTGGTCTTACCAC
 TTCCTGTTGGCCCTGGCCTGGCCGGGAAGGTGGCAGCGGCACCCGACTGACCTGCAGTG
 ACCCGCATGCCCGCCACGAGGGACACTTATGGCTTCATTGAGAGCTGCTGCCAAAAC
 GCCTGGCGCCGCCACCGTCGGGGCTGGCTTCGAGGACGCCCGCTGCCTCGCGGTCGT
 GTCGCGGGACTGTGTTGATGTCATAGTTTCGATATCACATCGCGGGGCTGTGTTCCG
 TAGCTGCGTCGTTTCGATATCACACCCTCTGTGTGCCGCTTACTTCTGCTTCGAGAAT
 GTATAACGTGAAATCCACGGGACCAAATTTCTGCAGAGGCTTCCCGGATGGTCCATA
 ACTGTAGAGTCTAATTGCTATCCATTACAGAAATTAATCGTTCAGTTGAAAGAAGTACTG
 ATGACTTTTCAAACAAATGAACCACCGTAGCTGACAGAGAACCGTATCGTAGAGGTTTG
 TAGTTAGTGCTTATTTTGCATGTTGATGTTGACTAGCTAATAAACTGTAATGTA AACCC
 ATGCGAATAAAATGGTTTTCTATTTCTCAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_001017405

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001017405.1 , NP_001017405.1
RefSeq Size:	2207 bp
RefSeq ORF:	1191 bp
Locus ID:	10296
UniProt ID:	Q7L5Y9
Cytogenetics:	4p16.3
Protein Families:	Druggable Genome
Gene Summary:	<p>This gene encodes a protein that mediates the attachment of erythroblasts to macrophages. This attachment promotes terminal maturation and enucleation of erythroblasts, presumably by suppressing apoptosis. The encoded 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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1).</p>