

Recombinant Human MAEA protein, His-tagged

Cat. No. MAEA-685H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MAEA protein(1 - 396 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1 - 396 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	MAVQESAAQLSMTLKVQEYPTLKVPEYETLNKRFRAAQKNIDRETSHVTMVVAELEKT LSGCPAVDSVVSLLDGVVEKLSVLKRKAVESIQAEDES AKLCKRRIEHLKEHSSDQP AAASVWKRKRMDRMMVEHLLRCGYNTAVKLARQSGIEDLVNIEMFLTAKEVEESL ERRETATCLAWCHDNKSRLRKMKSCLEFSLRIQEFIELIRQNKRLDAVRHARKHFSQ AEGSQLDEVRQAMGMLAFPPDTHISPYKDLLDPARWRMLIQQFRYDNYRLHQLGN NSVFTLTLQAGLSAIKTPQCYKEDGSSKSPDCPVCSRSLNKL AQPLPMAHCANSRLV CKISGDVMNENPPMMLPNGYVYGYNSLLSIRQDDKVVCPRTKEVFHFSQA EKVYI M
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

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Storage Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name MAEA macrophage erythroblast attacher [Homo sapiens]

Official Symbol MAEA

Synonyms MAEA; macrophage erythroblast attacher; EMP; proliferation-inducing gene 5; lung cancer-related protein 10; erythroblast macrophage protein; human lung cancer oncogene 10 protein; cell proliferation-inducing gene 5 protein; EMLP; PIG5; HLC-10;

Gene ID 10296

mRNA Refseq NM_001017405

Protein Refseq NP_001017405

MIM 606801

UniProt ID Q7L5Y9

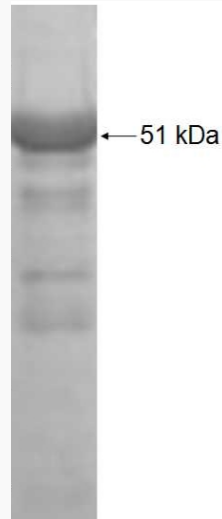
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SDS-PAGE



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