

Recombinant Human MAEA protein, His-tagged

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

SPECIFICATION

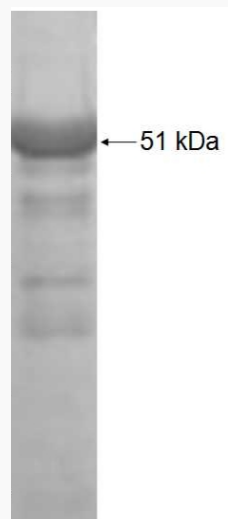
Product Overview	Recombinant Human MAEA protein(1 - 396 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1 - 396 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	MAVQESAAQLSMTLKVQEYPTLKVPYETLNKRFRAAQKNIDRETSHVTMVVAELEKT LSGCPAVDSVVSLLDGVVEKLSVLKRKAVESIQAEDESALCKRRIEHLKEHSSDQP AAASVWKRKRMDRMMVEHLLRCGYNTAVKLARQSGIEDLVNIEMFLTAKEVEESL ERRETATCLAWCHDNKSRLRKMKSCLEFSRLRIQEFIELIRQNKRLDAVRHARKHFSQ AEGSQLDEVQRQAMGMLAFPPDTHISPYKDLLDPARWRMLIQQFRYDNYRLHQLGN NSVFTLTLQAGLSAIKTPQCYKEDGSSKSPDCPVCSRSLNKLAAQLPLMAHCANSRLV CKISGDVMNENNPMMPLPNGYVYGYNSLLSIRQDDKVVCPRTKEVFHFSQAEKVYI 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

SDS-PAGE

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