9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

MAEA Human

Macrophage Erythroblast Attacher Human Recombinant
RCP1296

Product Overview

Name	MAEA Human
Description	
Macrophage Erythroblast Attacher Human Recombinant	
Accession (Primary)	Q7L5Y9
Synonyms	
Macrophage Erythroblast Attacher, GID Complex Subunit 9 FYV10 Homolog, Lung Cancer-Related Protein 10, Proliferation-Inducing Gene 5, Human Lung Cancer Oncogene 10 Protein, Cell Proliferation-Inducing Gene 5 Protein, Erythroblast Macrophage Protein, FYV10 Homolog (S. Cerevisiae), GID Complex Subunit 9, EMLP, GID9, PIG5, HLC-10, EMP.	
Introduction	
MAEA is a 396aa widely expressed adhesion protein which has 5 alternatively spliced isoforms. MAEA holds one CTLH domain and one LisH domain. MAEA forms a complex with F-actin, which takes part in regulating actin distribution in erythroblasts and macrophages and is known to assist in cell division and nuclear architecture. MAEA is confined with condensed chromatin at prophase, nuclear spindle poles at metaphase and in the contractile ring throughout cytokinesis phase and telophase.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
The MAEA solution contains 20mM Tris-HCl buffer (pH 8.0), 1M Urea and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MAVQESA AQLSMTLKVQ EYPTLKVPYE TLNKRFRAAQ KNIDRETSHV	

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TMVVAELEKT LSGCPAVDSV VSLLDGVVEK LSVLKRKAVE SIQAEDESAK LCKRRIEHLK EHSSDQPAAA SVWKRKRMDR MMVEHLLRCG YYNTAVKLAR QSGIEDLVNI EMFLTAKEVE ESLERRETAT CLAWCHDNKS RLRKMKSCLE FSLRIQEFIE LIRQNKRLDA VRHARKHFSQ AEGSQLDEVR QAMGMLAFPP DTHISPYKDL LDPARWRMLI QQFRYDNYRL HQLGNNSVFT LTLQAGLSAI KTPQCYKEDG SSKSPDCPVC SRSLNKLAQP LPMAHCANSR LVCKISGDVM NENNPPMMLP NGYVYGYNSL LSIRQDDKVV CPRTKEVFHF SQAEKVYIM

Precautions

MAEA Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q7L5Y9)