



## Macrophage Erythroblast Attacher Human Recombinant

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| <b>Item Number</b>                       | rAP-4007  |
| <b>Synonyms</b>                          | 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   |
| <b>Description</b>                       | MAEA Human Recombinant (isoform 1) produced in E.coli is a single, non-glycosylated polypeptide chain containing 419 amino acids (1-396) and having a molecular mass of 47.7kDa. MAEA is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.   |
| <b>Uniprot Accession Number</b>          | Q7L5Y9  |
| <b>Amino Acid Sequence</b>               | MGSSHHHHHH SSGLVPRGSH MGSMVAQESA AQLSMTLKVQ EYPTLKVPYE TLNKRFRFAQ KNI-DRETS HV TMVVAELEKT LSGCPAVDSV VSLLDGVVEK LSVLKRKAVE SIQAEDESAK LCKRRIEHLK EHSSDQPA AA SVWKRKRMDR MMVEHLLRCG YYNTAVKLAR QSGIEDLVNI EMFLTAKEVE ESLER-RETAT CLAWCHDNKS RLRKMKSCLE FSLRIQEFIE LIRQNKRLDA VRHARKHFSQ AEGSQLDEV R QAMGMLAFPP DTHISPYKDL LDPARWRMLI QQFRYDNYRL HQLGNNSVFT LTLQAGLSAI KTPQCYKEDG SSKSPDCPVC SRSLNKLAQP LPMAHCANSR LVCKISGDVM NENPPMMLP |
| <b>Source</b>                            | Escherichia Coli.   |
| <b>Physical Appearance and Stability</b> | Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks.&nbsp;Store, frozen at -20°C for longer periods of time.&nbsp;For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.   |
| <b>Formulation and Purity</b>            | The MAEA solution contains 20mM Tris-HCl buffer (pH 8.0), 1M Urea and 10% glycerol. Greater than 85% as determined by SDS-PAGE.   |
| <b>Application</b>                       |   |
| <b>Solubility</b>                        |   |
| <b>Biological Activity</b>               |   |
| <b>Shipping Format and Condition</b>     | Lyophilized powder at room temperature.   |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**