

## Modulator Of Apoptosis 1 Human Recombinant

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| <b>Item Number</b>                       | rAP-4060                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Synonyms</b>                          | Modulator Of Apoptosis 1, MAP1, PNMA4, Paraneoplastic Ma Antigen Family Member 4, Paraneoplastic Antigen Ma4, MAP-1, Paraneoplastic Antigen Like 4.                                                                                                                                                                                                                                                                                   |
| <b>Description</b>                       | MOAP1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 374 amino acids (1-351a.a) and having a molecular mass of 41.9kDa.MOAP1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.                                                                                                                                                 |
| <b>Uniprot Accession Number</b>          | Q96BY2                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Amino Acid Sequence</b>               | MGSSHHHHH SSGLVPRGSH MGSMTLRLL DWCRGMDMNP RKALLIAGIS QSCSVAEIEE<br>ALQAGLAPLG EYRLGMRFR RDENRKVALV GLTAETSHAL VPKEIPGKGG IWRVIFKPPD<br>PDNTFLSRLN EFLAGEGMTV GELSRALGHE NGSLDPEQGM IPEMWAPMLA QAL-<br>EALQPALQCLKYKKLRV FSGRESPEPG EEEFGRWMFH TTQMIKAWQV PDVEKRRRL ESLRGPALDV<br>IRVLKINNPL ITVDECLQAL EEVFGVTDNP RELQVKYLT YQKDEEKLSA YVLRLEPLLQ KLVQRGAIER<br>DAVNQARLDQ VIAGAVHKT I RRELNLPEDG PAPGFLQLLV LIKDYEAEEEEALLQAILE GNFT |
| <b>Source</b>                            | Escherichia Coli.                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Physical Appearance and Stability</b> | Sterile Filtered clear solution. 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).Please avoid freeze thaw cycles.                                                                                                                                                                     |
| <b>Formulation and Purity</b>            | MOAP1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M 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**