

## Recombinant Human PMAIP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PMAIP1-3049H Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | PMAIP1 MS Standard C13 and N15-labeled recombinant protein (NP_066950) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.   |
| <b>Species</b>          | Human  |
| <b>Source</b>           | HEK293   |
| <b>Description</b>      | Promotes activation of caspases and apoptosis. Promotes mitochondrial membrane changes and efflux of apoptogenic proteins from the mitochondria. Contributes to p53/TP53-dependent apoptosis after radiation exposure. Promotes proteasomal degradation of MCL1. Competes with BAK1 for binding to MCL1 and can displace BAK1 from its binding site on MCL1. Competes with BIM/BCL2L11 for binding to MCL1 and can displace BIM/BCL2L11 from its binding site on MCL1. |
| <b>Molecular Mass</b>   | 5.8 kDa  |
| <b>AA Sequence</b>      | MPGKKARKNAQPSPARAPAELEVECATQLRRFGDKLNFRQKLLNLISKLFCSGTTTRT<br>RPLEQKLISEEDLAANDILDYKDDDDKV   |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| <b>Stability</b>        | Stable for 3 months from receipt of products under proper storage and handling conditions.   |

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|-------------------------|--|
| <b>Storage</b>          | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.  |
| <b>Concentration</b>    | 50 µg/mL as determined by BCA  |
| <b>Storage Buffer</b>   | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.  |
| <b>GENE INFORMATION</b> |  |
| <b>Gene Name</b>        | PMAIP1 phorbol-12-myristate-13-acetate-induced protein 1 [ Homo sapiens (human) ]  |
| <b>Official Symbol</b>  | PMAIP1   |
| <b>Synonyms</b>         | PMAIP1; phorbol-12-myristate-13-acetate-induced protein 1; APR; NOXA; protein Noxa; PMA-induced protein 1; immediate-early-response protein APR; adult T cell leukemia-derived PMA-responsive; |
| <b>Gene ID</b>          | 5366   |
| <b>mRNA Refseq</b>      | NM_021127  |
| <b>Protein Refseq</b>   | NP_066950  |
| <b>MIM</b>              | 604959   |
| <b>UniProt ID</b>       | Q13794   |

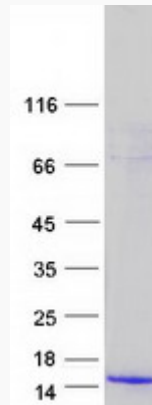
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SDS-PAGE



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