

# Recombinant Human MOAP1 Protein, GST-tagged

**Cat. No.** MOAP1-5452H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human MOAP1 full-length ORF ( AAH15044.1, 1 a.a. - 351 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | The protein encoded by this gene was identified by its interaction with apoptosis regulator BAX protein. This protein contains a Bcl-2 homology 3 (BH3)-like motif, which is required for the association with BAX. When overexpressed, this gene has been shown to mediate caspase-dependent apoptosis. [provided by RefSeq                                                         |
| <b>Molecular Mass</b>   | 64.35 kDa                                                                                                                                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | MTLRLLEDWCRGMDMNPRKALLIAGISQSCSVAEIEEALQAGLAPLGEYRLLGRMFR<br>RDENRKVALVGLTAETSHALVPKEIPGKGGIWRVIFKPPDPDNTFLSRLNEFLAGEG<br>MTVGELSRLGHENGSLDPEQGMIPEMWAPMLAQALEALQPALQCLKYKKLRVFS<br>GRESPEPGEEEFGRWMFHTTQMIKAWQVPDVEKRRRLLESRLGPALDVIRVLKINN<br>PLITVDECLQALEEVFGVTDNPRELQVKYLTQYQKDEEKLSAYVLRLEPLLQKLVRG<br>AIERDAVNQARLDQVIAGAVHKTIRRELNLPEDGPAPGFLQLLVLIKDYEAEEEEALL<br>QAILEGNFT |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production                                                                                                                                                                                                                                                                                     |

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### Protein Array

|                       |                                                                          |
|-----------------------|--------------------------------------------------------------------------|
| <b>Notes</b>          | Best use within three months from the date of receipt of this protein.   |
| <b>Storage</b>        | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| <b>Storage Buffer</b> | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

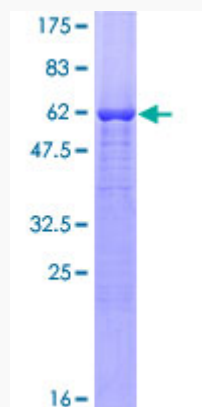
## GENE INFORMATION

|                        |                                                                                                                                                                   |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | MOAP1 modulator of apoptosis 1 [ Homo sapiens ]                                                                                                                   |
| <b>Official Symbol</b> | MOAP1                                                                                                                                                             |
| <b>Synonyms</b>        | MOAP1; modulator of apoptosis 1; MAP 1; paraneoplastic Ma antigen family member 4; PNMA4; MAP1; paraneoplastic antigen Ma4; paraneoplastic antigen like 4; MAP-1; |
| <b>Gene ID</b>         | 64112                                                                                                                                                             |
| <b>mRNA Refseq</b>     | NM_022151                                                                                                                                                         |
| <b>Protein Refseq</b>  | NP_071434                                                                                                                                                         |
| <b>MIM</b>             | 609485                                                                                                                                                            |
| <b>UniProt ID</b>      | Q96BY2                                                                                                                                                            |

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**Quality Control****Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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