

## Recombinant Human GIMAP4 Protein, GST-tagged

**Cat. No.** GIMAP4-4900H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human GIMAP4 full-length ORF (BAA92010.1, 1 a.a. - 329 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | This gene encodes a protein belonging to the GTP-binding superfamily and to the immuno-associated nucleotide (IAN) subfamily of nucleotide-binding proteins. The encoded protein of this gene may be negatively regulated by T-cell acute lymphocytic leukemia 1 (TAL1). In humans, the IAN subfamily genes are located in a cluster at 7q36.1. [provided by RefSeq] |
| <b>Molecular Mass</b>   | 63.9 kDa                                                                                                                                                                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | MAAQYGSMSPSTPGASYGPGRQEPNRNSQLRIVLVGKTGAGKSATGNSILGRKVF<br>HSGTAAKSITKKCEKRSSSWKETELVVVDTPGIFDTEVPNAETSKEIIRCILLTSPGPH<br>ALLLVVPLGRYTEEEHKATEKILKMFGERARSMILIFTRKDDLGDNLHDYLRPE<br>DIQDLMDIFGDRYCALNNKATGAEQEAQRAQLLGLIQRVVRENKEGCYTNRMYQRA<br>EEEIQKQTQAMQELHRVELEREKARIREEYEEKIRKLEDKVEQEKRKKQMEKKLAEQ<br>EAHYAVRQQRRARTEVESKDGILELIMTALQIASFILLRLFAED            |
| <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>       | GIMAP4 GTPase, IMAP family member 4 [ Homo sapiens ]                                                                                                                                                                                                            |
| <b>Official Symbol</b> | GIMAP4                                                                                                                                                                                                                                                          |
| <b>Synonyms</b>        | GIMAP4; GTPase, IMAP family member 4; GTPase IMAP family member 4; FLJ11110; HIMAP4; IMAP4; immunity associated protein 4; immunity-associated protein 4; human immune associated nucleotide 1; immunity-associated nucleotide 1 protein; IAN1; IAN-1; MSTP062; |
| <b>Gene ID</b>         | 55303                                                                                                                                                                                                                                                           |
| <b>mRNA Refseq</b>     | NM_018326                                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>  | NP_060796                                                                                                                                                                                                                                                       |
| <b>MIM</b>             | 608087                                                                                                                                                                                                                                                          |
| <b>UniProt ID</b>      | Q9NUV9                                                                                                                                                                                                                                                          |

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