

## Recombinant Human GIMAP4, GST-tagged

Cat. No. GIMAP4-13256H Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human GIMAP4 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.   |
| <b>Species</b>          | Human  |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | 1-329a.a.  |
| <b>Description</b>      | Glutamate-cysteine ligase, also known as gamma-glutamylcysteine synthetase, is the first rate limiting enzyme of glutathione synthesis. The enzyme consists of two subunits, a heavy catalytic subunit and a light regulatory subunit. Gamma glutamylcysteine synthetase deficiency has been implicated in some forms of hemolytic anemia. |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.  |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.  |

### GENE INFORMATION

**Gene Name** GIMAP4 GTPase, IMAP family member 4 [ Homo sapiens ]

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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|----------------------------|---|
| <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>             | <a href="#">55303</a>   |
| <b>mRNA Refseq</b>         | <a href="#">NM_018326</a>   |
| <b>Protein Refseq</b>      | <a href="#">NP_060796</a>   |
| <b>MIM</b>                 | <a href="#">608087</a>  |
| <b>UniProt ID</b>          | <a href="#">Q9NUV9</a>  |
| <b>Chromosome Location</b> | 7q36.1  |
| <b>Function</b>            | GTP binding; nucleotide binding;  |

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