

Recombinant Human GIMAP4, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human GIMAP4 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-329a.a.
Description	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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 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]
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 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Official Symbol	GIMAP4
Synonyms	GIMAP4; GTPase, IMAP family member 4; GTPase IMAP family member 4; FLJ111110; HIMAP4; IMAP4; immunity associated protein 4; immunity-associated protein 4; human immune associated nucleotide 1; immunity-associated nucleotide 1 protein; IAN1; IAN-1; MSTP062;
Gene ID	55303
mRNA Refseq	NM_018326
Protein Refseq	NP_060796
MIM	608087
UniProt ID	Q9NUV9
Chromosome Location	7q36.1
Function	GTP binding; nucleotide binding;

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