

## Product datasheet for **AR51143PU-S**

### GIMAP5 (1-284, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	GIMAP5 (1-284, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMGGFQRG KYGTMAEGRS EDNLSATPPA LRILVGKTG CGKSATGNSI LGQPVFESKL RAQSVTRTCQ VKTGTWNGRK VLVDTPSIF ESQADTQELY KNIGDCYLLS APGPHVLLLV IQLGRFTAQD TVAIRKVKEV FGTGAMRHVV ILFTHKEDLG GQALDDYVAN TDNCSLKDLV RECERRYCAF NNWGSVEEQR QQQAELLAVI ERLGREREGS FHSNDLFLDA QLLQRTGAGA CQEDYRQYQA KVEWQVEKHK QELRENSNW AYKALLRVKH LMLLHYE
Tag:	His-tag
Predicted MW:	34.4 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol, 2 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human GIMAP5 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_060854</a>
Locus ID:	55340
UniProt ID:	<a href="#">Q96F15</a> , <a href="#">A0A090N8P9</a>
Cytogenetics:	7q36.1
Synonyms:	HIMAP3; IAN-5; IAN4; IAN4L1; IAN5; IMAP3; IROD



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**Summary:**

This gene encodes a protein belonging to the GTP-binding superfamily and to the immun-associated nucleotide (IAN) subfamily of nucleotide-binding proteins. In humans, the IAN subfamily genes are located in a cluster at 7q36.1. This gene encodes an antiapoptotic protein that functions in T-cell survival. Polymorphisms in this gene are associated with systemic lupus erythematosus. Read-through transcription exists between this gene and the neighboring upstream GIMAP1 (GTPase, IMAP family member 1) gene. [provided by RefSeq, Dec 2010]

**Protein Families:**

Transmembrane

**Product images:**