Recombinant Human GIMAP5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GIMAP5-1026H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GIMAP5 MS Standard C13 and N15-labeled recombinant protein (NP_060854) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a protein belonging to the GTP-binding superfamily and to the immuno-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.
Molecular Mass	34.8 kDa
AA Sequence	MGGFQRGKYGTMAEGRSEDNLSATPPALRIILVGKTGCGKSATGNSILGQPVFESKL RAQSVTRTCQVKTGTWNGRKVLVVDTPSIFESQADTQELYKNIGDCYLLSAPGPHV LLLVIQLGRFTAQDTVAIRKVKEVFGTGAMRHVVILFTHKEDLGGQALDDYVANTDN CSLKDLVRECERRYCAFNNWGSVEEQRQQQAELLAVIERLGREREGSFHSNDLFLD AQLLQRTGAGACQEDYRQYQAKVEWQVEKHKQELRENESNWAYKALLRVKHLMLL HYEIFVFLLLCSILFFIIFLFIFHYITRTRPLEQKLISEEDLAANDILDYKDDDDKV

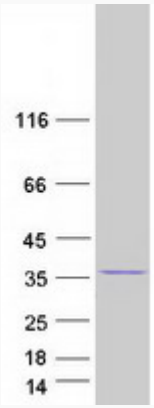
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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	GIMAP5 GTPase, IMAP family member 5 [Homo sapiens (human)]
Official Symbol	GIMAP5
Synonyms	GIMAP5; GTPase, IMAP family member 5; IAN4L1, immune associated nucleotide 4 like 1 (mouse); GTPase IMAP family member 5; HIMAP3; immunity associated protein 3; immune associated nucleotide 4 like 1; immunity-associated nucleotide 5 protein; inhibitor of radiation- and OA-induced apoptosis, Irod/Ian5; IAN4; IAN5; IROD; IAN-5; IMAP3; IAN4L1; FLJ11296;
Gene ID	55340
mRNA Refseq	NM_018384
Protein Refseq	NP_060854
MIM	608086

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UniProt ID	Q96F15
SDS-PAGE	

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