

Recombinant Human GIMAP8 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GIMAP8-2620H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GIMAP8 MS Standard C13 and N15-labeled recombinant protein (NP_783161) 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.
Molecular Mass	74.9 kDa
AA Sequence	MSEQSCQMSELRLLLLGKCRSGKSATGNAILGKHVFKSKFSDQTVIKMCQRESWVL RERKVVVIDTPDLFSSIACAEDKQRNIQHCLELSAPSLHALLLVIAIGHFTREDEETAK GIQQVFGAEARRHIIIVFTRKDDLGDLLQDFIEKNKPLKQLVQDYEGRYCIFNNKTNS KDEQITQVLELLRKVESLVNTNGGPYHVNFKTEGSRFQDCVNEAASQEGDKPQGPR ERQLQSTGPEQNPGTSELTVLLVGKRGAGKSAAGNSILGRQAFQTGFSEQSVTQSF LSESRSWRKKKVSIIDAPDISSLKNIDSEVRKHICTGPHAFLVTPPLGFYTKNDEAVLS TIQNNFGEKFFEYMIILLTRKEDLGDQDLDTFLRNSNKALYGLIQCKKNRYSAFNRYA TGEEEQRQADELLEKIESMVHQNGNKHCVFREKETLNIVLVGRSGTGKSATGNSILG SLVFTSRLRAQPVTKTSQSGRRTWDGQEVVVVDTPSFNQMLDVEKDPSRLEEEVK RCLSCCEKGD TFFVLVFLGRFTEEDKTAVAKLEAIFGADFTKYAIMLFTRKEDLGAG

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NLEDFMKNSDNKALRRIFKKCGRRVCAFNNKETGQAQETQVKALLTKVNDLRKESG
WSGYPHQTQENVSKLIKNVQEMSQAELLKNLIGILQTRTRPLEQKLISEEDLAANDILD
YKDDDDKV

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 GIMAP8 GTPase, IMAP family member 8 [Homo sapiens (human)]

Official Symbol GIMAP8

Synonyms GIMAP8; GTPase, IMAP family member 8; GTPase IMAP family member 8; DKFZp667I133; hIAN6; protein Iant; immune associated nucleotide; human immune associated nucleotide 6; immune-associated nucleotide-binding protein 9; IAN6; IANT; IAN-9; MGC129545;

Gene ID 155038

mRNA Refseq NM_175571

Protein Refseq NP_783161

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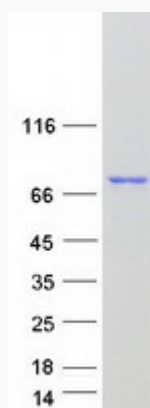
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MIM 616962

UniProt ID Q8ND71

SDS-PAGE



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