

Recombinant Human GIMAP6, His-tagged

Cat. No. GIMAP6-15889H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human GIMAP6 protein, fused to His tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-292aa
Description	GIMAP6 is a member of the GTPases of immunity-associated proteins (GIMAP) family. GIMAP proteins contain GTP-binding and coiled-coil motifs, and may play roles in the regulation of cell survival. Decreased expression of this gene may play a role in non-small cell lung cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, which is found in a cluster with seven additional GIMAP genes on the long arm of chromosome 7.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 30% glycerol, 1mM DTT.
Molecular Mass	35 kDa (315aa), confirmed by MALDI-TOF(Molecular size on SDS-PAGE will appear higher)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMEEEEYE QIPQENPPEE LSQDPVLELS GGLREKEQKT PRRLRLILMG KTGSGKSATG NSILGRDVFE SKLSTRPVTK TSQRRSREWA GKELEVIDTP NILSPQVSPE VADAICQAIV LSAPGPHAVL

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LVTQLGRFTD EDQQVRRRLQ EVFGVGVLGH TILVFTRKED LAGGSLEDYV
 RETNNQALAW LDVTLARRHC GFNNRAQGEE QEAQLRELME KVEAIMWENE
 GDYYSNKAYQ YTQQNFRLKE LQERQVSQGQ GSEDVPGEES WLEGLSQUIK
 ESEEAHRCLL GKADL

Purity >85% by SDS - PAGE

Applications SDS-PAGE

Storage Can be stored at 4°C short term. For long term storage, aliquot and store at at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

Concentration 0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name GIMAP6 GTPase, IMAP family member 6 [Homo sapiens]

Official Symbol GIMAP6

Synonyms GIMAP6; GTPase, IMAP family member 6; GTPase IMAP family member 6; FLJ22690; immune associated nucleotide 2; immune associated nucleotide 6; IAN2; IAN6; IAN-2; IAN-6; DKFZp686A01175;

Gene ID 474344

mRNA Refseq NM_024711

Protein Refseq NP_078987

UniProt ID Q6P9H5

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Chromosome Location	7q36.1
Function	GTP binding; nucleotide binding;