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Recombinant human GIMAP6 protein

Catalog Number: ATGP2245

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-292aa

UniProt No.
Q6P9H5

NCBI Accession No.
NP_078987

Alternative Names
GTPase IMAP family member 6 isoform 1, IAN-2, IAN-6, IAN2, IAN6

PRODUCT SPECIFICATION

Molecular Weight
35 kDa (315aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

Concentration
0.5mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 30% glycerol, 1mM DTT

Purity
> 85% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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. Recombinant human GIMAP6 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

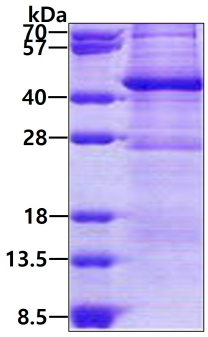
<MGSSHHHHHH SSGLVPRGSH MGS>MEEEEYE QIPQENPPEE LSQDPVLELS GGLREKEQKT PRRLRLILMG KTGSGKSATG NSILGRDVFE SKLSTRPVTK TSQRRSREWA GKELEVIDTP NILSPQVSPE VADAICQAIV LSAPGPHAVL LVTQLGRFTD EDQQVVRRLQ EVFGVGVLGH TILVFTRKED LAGGSLEDYV RETNNQALAW LDVTLARRHC GFNNRAQGEE QEAQLRELME KVEAIMWENE GDYYSNKAYQ YTQQNFRLKE LQERQVSQGQ GSEDVPGEES WLEGLSQIQK ESEEAHRCLL GKADL

General References

Krucken J, Schroetel RM, et al. (2004). Gene. 341:291-304.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.