

**GIMAP6, 1-292aa, Human, His tag, E.coli**

**Cat.NO.: TP02241**

3th Edition

**Synonyms:**GTPase IMAP family member 6 isoform 1, IAN-2, IAN-6, IAN2, IAN6

**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.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 30% glycerol, 1mM DTT.

**Molecular Weight:**35 kDa (315aa), confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSMEEEEYEQIPQENPPEELSQDPVLELSGGLREKEQKTPRRLRLILMGKTGS  
GKSATGNSILGRDVFESKLSTRPVTKTSQRRSREWAGKELEVIDTPNILSPQVSPEVADAICQAVLSAPGPHAVLLV  
TQLGRFTDEDQQVVRRLQEVFGVGLGHTILVFTRKEDLAGGSLEDYVRETNNQALAWLDVTLARRHCGFNNRAQ  
GEEQEAQLRELMEKVEAIMWENEGDYYSNKAYQYTQQNFRLKELQERQVSQGGQSEDPGEEESWLEGLSQQKE  
SEEAHRCLLGKADL

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.