

## Product datasheet for **TP308167M**

### **GIMAP1 (NM\_130759) Human Recombinant Protein**

#### **Product data:**

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human GTPase, IMAP family member 1 (GIMAP1), 100 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC208167 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MGGRKMATDEENVYGLEENAQSRQESTRRLILVGRTGAGKSATGNSILGQRRFFSRLGATSVTRACTTGS  
RRWDKCHVEVDTPDIFSSQVSKTDPGCEERGHCYLLSAPGPHALLLVTLQGRFTAQDQQAVRQVRDMFG  
EDVLKWMVIVFTRKEDLAGGSLHDYVSNTENRALRELVAECGGRVCAFDNRATGREQEAQVEQLLGMVEG  
LVLEHKGAHYSNEVYELAQVLRWAGPEERLRRVAERVAARVQRRPWGAWLSARLWKWLKSPRSWRLGLAL  
LLGGALLFWVLLHRRWSEAVA EVGPD

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK  
**Predicted MW:** 34.2 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.  
**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.  
**Storage:** Store at -80°C.  
**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.  
**RefSeq:** [NP\\_570115](#)  
**Locus ID:** 170575



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UniProt ID: [Q8WWP7](#), [A0A090N8Z4](#)

RefSeq Size: 4430

Cytogenetics: 7q36.1

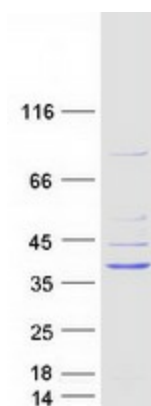
RefSeq ORF: 918

Synonyms: HIMAP1; IAN2; IMAP1; IMAP38

**Summary:** 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 is thought to be involved in the differentiation of T helper (Th) cells of the Th1 lineage, and the related mouse gene has been shown to be critical for the development of mature B and T lymphocytes. Read-through transcription exists between this gene and the downstream GIMAP5 (GTPase, IMAP family member 5) gene. [provided by RefSeq, Dec 2010]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified GIMAP1 protein (Cat# [TP308167]). The protein was produced from HEK293T cells transfected with GIMAP1 cDNA clone (Cat# [RC208167]) using MegaTran 2.0 (Cat# [TT210002]).