

Product datasheet for **TP308167L**

GIMAP1 (NM_130759) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human GTPase, IMAP family member 1 (GIMAP1), 1 mg

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

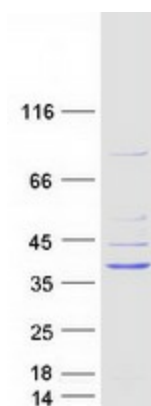
RefSeq ORF: 918

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]).