

Product Information

MemDX™ Membrane Protein Human GIMAP1 (GTPase, IMAP family member 1) for Antibody

Discovery

Cat. No.: **MP0509J**

This product is for research use only and is not intended for diagnostic use.

This product is a 34.2 kDa Human GIMAP1 membrane protein expressed in HEK293T. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

GIMAP1

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

34.2 kDa

TMD

1

Sequence

MGGRKMATDEENVYGLEENAQSRQESTRRLILVGRTGAGKSATGNSILGQRRFFSRLGATSVTRACTTGS
RRWDKCHVEVVDTPDIFSSQVSKTDPGCEERGH CYLLSAPGPHALLVTQLGRFTAQDQQAVRQVRDMFG
EDVLKWMVIVFTRKEDLAGGSLHDYVSNTENRALRELVAECGGRVCAFDNRATGREQEAQVEQLLGMVEG
LVLEHKG AHYSNEVYELAQVLRWAGPEERLRRVAERVAARVQRRPWGAWLSARLWKWLKSPRSWRLGLAL
LLGGALLFWVLLHRRWSEAVAEVGPD

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

GIMAP1

Full Name

GTPase, IMAP family member 1

Introduction

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.

Alternative Names

IAN2; IMAP1; HIMAP1; IMAP38

Gene ID

[170575](#)

UniProt ID

[Q8WWP7](#)