

Product datasheet for PH304653

GIMAP4 (NM_018326) Human Mass Spec Standard

Product data:

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| Product Type: | Mass Spec Standards |
| Description: | GIMAP4 MS Standard C13 and N15-labeled recombinant protein (NP_060796) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC204653 |
| Predicted MW: | 37.5 kDa |
| Protein Sequence: | >RC204653 protein sequence Red=Cloning site Green=Tags(s) MAAQYGSMSFNPSTPGASYGPGRQEPRNSQLRIVLVGKTGAGKSATGNSILGRKVFHSGTAAKSITKKCE KRSSSWKETELVVVDTPGIFDTEVPNAETSKEIIRCILLTSPGPHALLLVPLGRYTEEEHKATEKILKM FGERARSFMILIFTRKDDLGDNLHDYLREAPEDIQDLMDIFGDRYCALNNKATGAEQEAQRAQLLGLIQ RVVRENKEGCVTNRMYQRAEEEIQKQTQAMQELHRVELEREKARIREEYEEKIRKLEDKVEQEKRRKQME KKLAEQEAHYAVRQQRARTEVESKDGILELIMTALQIASFILLRLFAED TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Labeling Method: | Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3 |
| Storage: | Store at -80°C. Avoid repeated freeze-thaw cycles. |
| Stability: | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| RefSeq: | NP_060796 |
| RefSeq Size: | 1983 |
| RefSeq ORF: | 987 |
| Synonyms: | IAN-1; IAN1; IMAP4; MSTP062 |
| Locus ID: | 55303 |



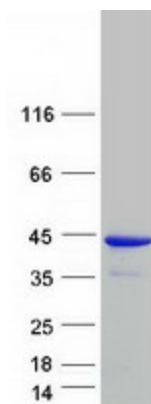
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UniProt ID: [Q9NUV9](#), [A0A090N7X0](#)

Cytogenetics: 7q36.1

Summary: This gene encodes a protein belonging to the GTP-binding superfamily and to the immuno-associated nucleotide (IAN) subfamily of nucleotide-binding proteins. The encoded protein of this gene may be negatively regulated by T-cell acute lymphocytic leukemia 1 (TAL1). In humans, the IAN subfamily genes are located in a cluster at 7q36.1. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified GIMAP4 protein (Cat# [TP304653]). The protein was produced from HEK293T cells transfected with GIMAP4 cDNA clone (Cat# [RC204653]) using MegaTran 2.0 (Cat# [TT210002]).