

Product datasheet for PH303978

GIMAP5 (NM_018384) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	GIMAP5 MS Standard C13 and N15-labeled recombinant protein (NP_060854)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203978
Predicted MW:	34.8 kDa
Protein Sequence:	>RC203978 protein sequence Red=Cloning site Green=Tags(s) MGGFQRGKYGTMAEGRSEDNLSATPPALRIILVGKTGCGKSATGNSILGQPVFESKLRQSVTRTCQVKT GTWNGRKLVLVVDTPSIFESQADTQELYKNI GDCYLLSAPGPHVLLLVIIQLGRFTAQDTVAIRKVKVEVFGT GAMRHVVILFTHKEDLGGQALDDYVANTDNCSLKDLVRECERRYCAFNNWGSVEEQRQQAEELLAVIERL GREREGSFHSNDLFLDAQLLQRTGAGACQEDYRQYQAKVEWQVEKHKQELRENSNWAYKALLRVKHLML LHYEIFVFLLLCSILFFIIFLFIHYI TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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_060854
RefSeq Size:	1895
RefSeq ORF:	921
Synonyms:	HIMAP3; IAN-5; IAN4; IAN4L1; IAN5; IMAP3; IROD
Locus ID:	55340



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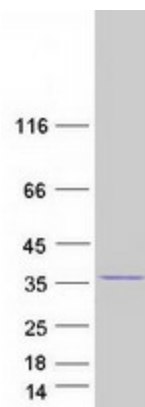
UniProt ID: [Q96F15](#), [A0A090N8P9](#)

Cytogenetics: 7q36.1

Summary: This gene encodes a protein belonging to the GTP-binding superfamily and to the immun-associated nucleotide (IAN) subfamily of nucleotide-binding proteins. In humans, the IAN subfamily genes are located in a cluster at 7q36.1. This gene encodes an antiapoptotic protein that functions in T-cell survival. Polymorphisms in this gene are associated with systemic lupus erythematosus. Read-through transcription exists between this gene and the neighboring upstream GIMAP1 (GTPase, IMAP family member 1) gene. [provided by RefSeq, Dec 2010]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified GIMAP5 protein (Cat# [TP303978]). The protein was produced from HEK293T cells transfected with GIMAP5 cDNA clone (Cat# [RC203978]) using MegaTran 2.0 (Cat# [TT210002]).