

Product datasheet for TP502489

Gimap4 (BC005577) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse GTPase, IMAP family member 4 (cDNA clone MGC:11734 IMAGE:3968418), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202489 protein sequence Red =Cloning site Green =Tags(s)
	MEVQCGGAGFIPSSRSHLGNQDQGIPQLRIVLLGKTGAGKSSTGNSILGEKVFNSGICAKSITKVCE KRVSTWDGKELVVDTPGIFDTEVPDADTQREITRYVALTSPGPHALLLVPLGRYVVEHKATQKILDM FGKQARRFMILLTRKDDLEDTDIHEYLEKAPKFFQEVMEHFQNRCLFNNRASGAEEQKMQLLTLVQ SMFLSSRMK
	TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	24.6 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
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Locus ID:	107526
UniProt ID:	Q99IY3
RefSeq Size:	1364



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Cytogenetics: 6 B2.3

RefSeq ORF: 657

Synonyms: MGC11734, IMAP4, mIAN1

Summary: This gene encodes a protein belonging to the GTP-binding superfamily and to the immuno-associated nucleotide (IAN) subfamily of nucleotide-binding proteins. This gene exists within a cluster of other related genes located on mouse chromosome 6. This family member encodes a lymphoid signaling protein that functions to accelerate programmed T-cell death, which appears to correlate with the phosphorylation status of the protein. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2011]