

Product datasheet for RR201507

Gimap4 (NM_173153) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gimap4 (NM_173153) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Gimap4
Synonyms:	Ian1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR201507 representing NM_173153 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAAGCCAGTACAGTGGTGTGGGTCCATCCCGAAAATTCAAGGAGCAGCCATGAGCTTGAATAC
AAGATCAAGGAAGTCCCCAACTGAGAATTGTCCTACTTGGAAAACTGGAGCAGGAAAGAGTTCAACAGG
GAACAGCATCCTTGAAGAAAAGCATTCTTTCTGGCATTGTGCAAAATCCATTACCAAGTCTGTGAG
AAAGGAGTGAGCATCTGGGATGGGAAAGAGCTCGTTGTTGTGGATACACCTGGCATTTCGACACTGAGG
TACCAGATGCTGACACACAAAAGGAGATCACTCGCTGTGTTGCTCTGACCTCTCCAGGGCCTCATGCTCT
GCTTCTGGTCATCCCCTGGGGCGTTACTGTGGAAGAACAAGGCCACACGAACTTCTGAGCATG
TTTGAAAAAAGGCTAGAAGATTCATGATACTCTTGCTCACCAGGAAGGATGACTTGAAGACACAGATA
TCCATGAGTACTTAGAGACGGCTCCTGAAGTCCTCAAGAGTTGATCTATGAGTCCGGAATCGCTACTG
TTTGTTCATAACAAAGCATCAGGAGCTGAACAGGAAGAGCAGAAGAGGCAGCTGTTGACCTTAGTTCAG
AGCATGGTGAGGGAAAAATGGTGGAAAACTTTACTAACAAGATGTATGAAAGTGCTGAGGGTGTGATTC
AGAAACAACCTGGAAGAAGAAAGATTTTACAGAGAGGAAGTGGAGAGAGAGAGAGCAGCAGGATAAGACG
GGAGTATGAAGCAGAGATTCAAGATCTGAGAGATGAGCTGGAAAGGGAAAGGAGAAGGGCACGTATGGAG
AGGGAGTTCAATGAGAACGAGCTTATCTTTCAGAGAGACAACAAAATGCTAGGAGGGAAGTTGAGAACA
CAAGTATGATATACTTGAAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR201507 representing NM_173153
 Red=Cloning site Green=Tags(s)

MEAQYSGVGSIPENSRSSHELGIQDQGSPQLRIVLLGKTGAGKSSTGNSILGRKAFLSGICAKSITKVCE
 KGVSIWDGKELVVVDTPGIFDTEVPDADTQKEITRCVALTSPGPHALLLVIPLGRYTVVEHKATRKLLSM
 FEKKARRFMILLTRKDDLEDTDIHEYLETAPEVLQELIYEFNRNYCLFNNKASGAEQEEQKRQLLTLVQ
 SMVRENGGKYFTNKMYESAEGVIQKQTWKKKEFYREELERERARIRREYEAEIQDLRDELERERRARME
 REFNENELIFAERQQNARREVENTSMIYLN

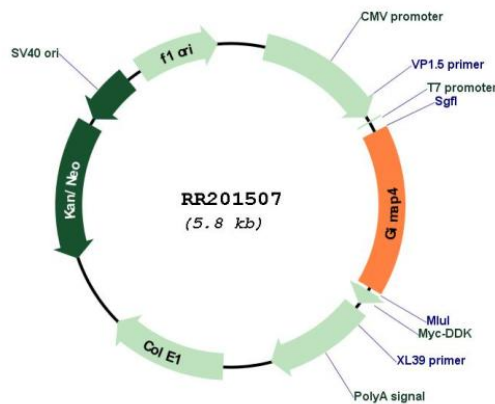
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_173153

ORF Size: 930 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_173153.2 , NP_775176.2
RefSeq Size:	1467 bp
RefSeq ORF:	933 bp
Locus ID:	286938
UniProt ID:	Q8K3K9
Cytogenetics:	4q24
MW:	35.9 kDa
Gene Summary:	functions in T-cell lineage; may have a role in apoptosis [RGD, Feb 2006]