

Product datasheet for **RN210767**

Gimap8 (NM_001033923) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gimap8 (NM_001033923) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gimap8
Synonyms:	IanT
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN210767 representing NM_001033923
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGACTTCATCCACCAAGGAGCAGCAGCAGGAAGTCAGATGGAGCACAGACTCTGTGAAACATCAA
 TAGGACAGGGGAAAGACCAAGAGCCAGTCGGGGCCAGGAGAGCAACTTCAAGCAGAGCCAGGGAACATC
 CACACTACGGCTCCTCCTGCTAGGGAAACAGGGAGCAGGCAAAAGCGCCACAGGAAACACCACTTCTGGGC
 AAAGCCGTGTTTCGAGTCCAGGTTCACTCATCACATGGTAACCAAGAGGTGCCAGAGTGAGAGTGTGTGAG
 TAAGAGGGAAGCAGGTCATTGTTATTGATACTCCAGATCTCTTCTCCTACTGGGCTGTCCAGAGTTCA
 ACAGCAGAACCTGCGGCAGTGTGGACCTTTAGCTGACCCCTATGTGCTACTTCTGGTCACTCCCATT
 GGTCACTCTACAGAGGAGGACAAGAAGACCATTGAGGGTATCCAGGGTGTGTTTGGCCCTCAAGCCTACA
 GACATATGATTGGTCTTCACTCGGGAAGATGAGCTGGGTGAAGACACACTGCAGAACCACATTGAGAG
 CAAGAAGTATCTGAAGAAGTTGATTGAAAACATTGGAAGTCAACGATGCTGTGCTTCAACAACAAGGCG
 GACAAGAAGCAGCAGGAACTGCAGGTGTCCAGTTTCTTGATGCAATTGAATTTTAAATGATGGAGAGCC
 CTGGGACATATTTGAGCCCTTGAAAACGGAAAACAGTGGAGTCCAGGGTGTGGGACTGGAGTGACATA
 TAAAGGAGACAATCTGTGTGGTTCAAAGAAGAGGCAGCCTCAGATCACAGGACCTGGTTGGGATAGAGAC
 ACACCAGAGCTCAGGGTCTTCTCATGGGGAAGCGTGGTGTGGGAAAAGTGCAGCAGGAAACAGCATTCT
 TGGGGAAGCAGGTTTTCAAGACTCAATTCAGTGAAGCAGAGAGTCACCGAGGCCCTTTCATCCCACAG
 CAGGCTCTGGAATCAGAAGAAATTTCTGATTATCGATTCTCCAGAAATCTCATCGTGAAGCTTGATGAG
 TCTGATGTCAAGGAGCACACCTTCCAGGTCCCCACGCCCTTCTGCTGGTACACCACTGGGCTCTTCT
 TAAAGAGTGGTGACAGTGTTCAGCATCAAACGTATTTTTGGAGAAAAATTCATCAAGTTTACAAT
 TATTCTCTTTACCAGGAAAGAAGATTTTGAGGGTCAGGATCTAGATACATTTACAAGGAAAACGATGCT
 CTCTGTAATCTCATCCAGATATTTGAAGGAAGATACGCAGTCTTCAACTACCGGGCAACTGTGGAGGAGG
 AGCAGAGCCAGGTGGGCAAACTACTCAGTCAAATCGAGAGCGTGGTGCAGCACCACAACAACAAGCCTTG
 CGTCATCAGAGAGAAAGAACTCTTAAACATCATCTCTTGGGAAGGAGTGGAGTTGGAAAGAGTGAACCT
 GGGAACTATCCTGGGAGACCTGCCTTCGTCTCTCAGCTCAGAGCTCAGCCGGTCAACAGTAGGAGTC
 AGAGTGGCAGGAGGACTGGACTGGCAGGATATTGTGGTTGTGGACTCCATCACTCAACCAGATGTC
 TGGTACTGAAAAGAAATCCTGCCAGTTAAAGAAGGAGATCAAACAATGTTTGCTTCAAACTGCGAAGAA
 GGCATGAAGGTTTTGTCTGGTATTCCAGCTGGGACGGTTCACCCAGGAAGACGAGGCAGTGGTGGAGC
 AACTGGAGGCCAGTTTTGAGGAAAACATTATGAAATACATGATTGTGCTTTACACGAAAGGAAGACCT
 AGGGGATGGGACCTTTATGATTTTACTAATAACACAAAGAACAAGTCCTTAAAAGAATATTTAAAAAG
 TGCAAGGGGCGAGTTTGTCTTTAATAACAAAGAACTGGTGAAGACCAGGAGACCCAGGTGAAAGCTC
 TGTTGACAATAGCCAATGATCTCAAAGGAGCTATGATGAGCATTCAACTTCATGGATGGATCAACTAAA
 ATCAGCAGTAGGTCAAATTACTACGGTATTTAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001033923
- Insert Size:** 2067 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- 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:

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_001033923.1](#), [NP_001029095.1](#)

RefSeq Size: 3162 bp

RefSeq ORF: 2067 bp

Locus ID: 500112

UniProt ID: [Q4KLG2](#)

Cytogenetics: 4q24

Gene Summary: Exerts an anti-apoptotic effect in the immune system and is involved in responses to infections.[UniProtKB/Swiss-Prot Function]