

## Product datasheet for **RN200154**

### Gimap5 (NM\_145680) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Gimap5 (NM\_145680) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Gimap5  
**Synonyms:** IAN4; Ian4l1; Ian5; lyp  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN200154 representing NM\_145680  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGAAGGCCCTTCAGAAGAGCACATATGGAACATAGTTGAAGGACAAGAAACCTACAGTGTAGAAGACT  
CTGGCCTCCTGAGGATCCTCCTGGTGGTAAATCTGGCTGCGGAAAAAGTCCACAGGGAACAGCATTCT  
CCGCAGACCAGCGTTCGAGTCCAGGCTCAGAGGCCAGTCTGTGACCAGGACCAGTCAGGCAGAGATGGC  
ACATGGGAGGGAAGGAGCTTCTAGTGGTGGACACGCCCCCATCTTCGAGTCAAAGATCCAGAACCAAG  
ACATGGACAAGGACATTGGGAACCTGCTACCTGATGTGTGCCCCAGGACCCCATGTGTTGTTGCTGGTGAC  
CCAAGTGGGACGCTACACAGTCGAAGATGCCATGGCTGTGAGGATGGTGAAGCAGATCTTTGGGGTAGGG  
GTCATGAGGTACATGATTGTCCTCTTACCCACAAGGAAGACCTGGCAGATGAGTCCTTGGGAAGAGTTTG  
TGACCCACACAGGCAACCTCGACCTGCACAGACTGGTTCAGGAGTGTGGGAGGAGTACTGTGCCTTTAA  
TAACAAGGCTTCTGGGAGGAGCAGCAGGGCAGCTGGCAGAGCTCATGGCCCTGGTGAAGACTGGAA  
CAGGAGCATGAGGGCTCCTTCCACAGCAATGACCTCTTCGTTTATACTCAGGTGTTCTTAGAGGTGGCT  
ACAGTGAACACCAGGAGCCATAACAAGTTCTACCTGACCAAGGTGAGGCAGGAGGTAGAGAAGCAGAAGAG  
GGAGCTGGAGGAGCAGGAGGGCAGCTGGATGGCTAAAATGCTTTGCAGAGTCACGTCCTGCTTGGACTGG  
CACATTGCAGTGTCTGTTCTTATTGTTCTTGGTCTGACCCTTCTCATCACTTAATTAATATGTACA  
TTGGCAGGTGAAATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_145680  
**Insert Size:** 927 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_145680.3</a> , <a href="#">NP_663713.1</a>
<b>RefSeq Size:</b>	1359 bp
<b>RefSeq ORF:</b>	927 bp
<b>Locus ID:</b>	246774
<b>UniProt ID:</b>	<a href="#">Q8K3L6</a>
<b>Cytogenetics:</b>	4q24
<b>Gene Summary:</b>	<p>an immune associated protein that may be associated with insulin-dependent diabetes in rats [RGD, Feb 2006]</p> <p>Transcript Variant: This variant (2) uses an alternate splice site in the 5' coding region, compared to variant 1, that results in the use of an upstream start codon. It encodes isoform 2 which has a shorter and distinct N-terminus compared to isoform 1.</p>