

## Product datasheet for **RR206681**

### Gdap111 (NM\_001107798) Rat Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Gdap111 (NM\_001107798) Rat Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: Gdap111  
 Synonyms: Gdap11  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 ORF Nucleotide Sequence: >RR206681 representing NM\_001107798  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGACCCCAACAACCTGACCCCACTGACGCTGGTGGCCATCTCGGCGCTGGAGAGCGATG  
 CAGCCAAGCCGGTGAAGCCCCGACGCGCCGAGGCAGCCAGCCCGCCATTGGCCCAAGGAGAGCCT  
 GGTCTGTACCACTGGACCAATCCTTCAGCTCGCAGAAGGTGCGGCTGGTGATTGCTGAGAAGGGCCTG  
 TCCTGTGAAGAGAGAGACGTGAGCTTGCCCTCAGAGTGAGCATAAGGAACCCTGGTTCATGAGGCTCAACC  
 TGGGTGAGGAGGTCCCGGTCATTATCCACAGAGACAACATTATCAGTGACTACGACCAGATCATTGACTA  
 TGTGGAACGCACCTTCACAGGAGAGCATGTGGTGGCCTTGATGCCCGAGGCAGGCAGCCACAACACGCC  
 CGAGTGTGCAGTACCGGGAGCTGCTGGATGCGTTGCCATGGACGCCTACACGCACGGCTGCATCCTGC  
 ACCCGAGCTCACCACAGATCCATGATCCCCAAGTATGCCACGGCTGAGATCCGCAGACATTTAGCCAA  
 CGCCACCACAGACCTCATGAACTGGACCATGAAGAACCACAGCTCTCTGAGCCTTACCTTTCTAAACAG  
 AAGAAGCTTATGGCCAAGATCCTAGAGCAGCAGCATGTGGGTACCTGAAGAAGATCCTCGGGGAGCTGG  
 CTATGGTGTGGACAGATCGAAGCAGAGCTGGAGAAGAGGAACTGGAGAATGAGGGGCAGACGTGTGA  
 GCTGTGGCTGTGTGGCTGTGCCTTACCCTGGCGGATGTCTCCTGGGAGCCACCCTGCATCGCCTCAAG  
 TTCTCGGACTGTCCAAGAAATACTGGGAAGACGGCAGCCGCCCCAACCTGCAGTCTTCTTTGAGAGGG  
 TCCAGAGACGCTTGGCCTTCCGAAAAGTCTGGGCGACATCCACACAACCCTGCTATCTGCTGTTATCCC  
 CAATGCGTTCCGACTGGTGAAGCGGAAACCGCCATCATTCTTTGGGGCGTCTTCTCATGGGCTCCTTG  
 GGTGGGATGGGCTACTTTGCCTACTGCTACCTCAAGAAAAATACATC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR206681 representing NM\_001107798  
 Red=Cloning site Green=Tags(s)

MATPNNLTPTNCSWWPISALESDAAKPVEAPDAPEAASPAHWPKESLVL YHWTQSFSSQKVRVLVIAEKGL  
 SCEERDVSLPQSEHKPEWFMRLNLGEEVPVIIHRDNIISDYDQIIDYVERTFTGEHVVALMPEAGSPQHA  
 RVLQYRELLDALPMDAYTHGCILHPELTTDSMIPKYATAEIRRHLANATDLMKLDHEEPQLSEPYLSKQ  
 KKLMAKILEHDDVGYLKKILGELAMVLDQIEAELEKRKLENEGQTCELWLCGCAF TLADVLLGATLHRLK  
 FLGLSKKYWEDGSRPNLQSF FERVQRRLAFRKVLGDIHTLLSAVIPNAFRLV KRKPPSFFGASFLMGS  
 LGMGYFAYWYLKKKYI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

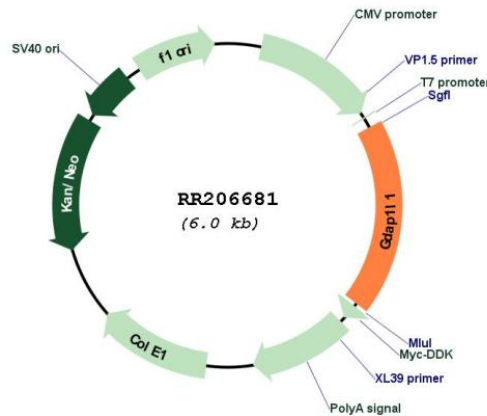
**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001107798

<b>ORF Size:</b>	1098 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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_001107798.2</a> , <a href="#">NP_001101268.1</a>
<b>RefSeq Size:</b>	1219 bp
<b>RefSeq ORF:</b>	1101 bp
<b>Locus ID:</b>	311616
<b>Cytogenetics:</b>	3q42
<b>MW:</b>	41.7 kDa