

## Product datasheet for **RN206113**

### LOC502684 (NM\_001025060) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
Product Name: LOC502684 (NM\_001025060) Rat Untagged Clone  
Tag: Tag Free  
Symbol: LOC502684  
Mammalian Cell Selection: Neomycin  
Vector: pCMV6-Entry (PS100001)  
E. coli Selection: Kanamycin (25 ug/mL)  
Fully Sequenced ORF: >RN206113 representing NM\_001025060

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGAGTTCGGGGGAGAGAAAGAACTTGAAGCCATCCACCCTGCCTCCCCTCCGACAAGCCAAAGGCCACA  
GCAAAAGGAAAACGAAGAGTGTCACTAAAATCCAACAGTAGCACAGTCCCAGGTCTCTGTAGATATGAC  
AACCGCAACGAAGACTCCACGAGCACTGCGAAGACGGGACCAACCGCACCACGGGAAAGTGCAGGCCAAG  
GTCCGGCTGATGAAGTCAATGCTTCGAAACAGCGGACCTCGCTCCAGGAGCTCTACAGCCATGAAGGCT  
ACCTCAGCAAGCTCAACCAGGAGCTGATCAAGACCATCTTGAAACTGAGGACAGCAGGCCTTGAGCGT  
GCGTGAATGCTGCAGCAGCAGAATCCTCGGGAATATCATCGACATCTTGAGTACTCAAACAAGAAAG  
AGGGTGCAAGAGCTGAGGTCTGAGTTCAGGAGTGGAAGAGAGAGGAGAGCAAGACAAACACTTTC  
AGTGGGAGGTGGAACAGCTGAACTCTGAAATCCGGAAGGCCAATGAGGAGGTGAATTTACTTAGCACCTA  
CATGGACCACGAGTATCCCATCAGGTTGGTTCAGATTGCCAACCATGTGCGCCTGGTGCAGCAGGCAAAAG  
GACAGCCAGCAGGACGAGCTGGACAACCTTAGGGAGATGCGTGAAAAAGTCCTGGCATTCTTTTCCAACA  
TAATTCAAGAGAAGAAGAGGAGAATCCTGAAGTCTCTGGTGGTGAACCCAGGAACCCCATGAGAACAG  
ACTTCTGCTGAAGACCCGGGACAGCCGGCGCTGCAGAGCTTATCAAGCAGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
ACCN: NM\_001025060  
Insert Size: 825 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>                | <u><a href="#">NM_001025060.1</a></u> , <u><a href="#">NP_001020231.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>RefSeq Size:</b>           | 1451 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 825 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Locus ID:</b>              | 502684                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Cytogenetics:</b>          | 3q41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |