

## Product datasheet for **RN214080**

### Comp (NM\_012834) Rat Untagged Clone

#### Product data:

|                    |                                     |
|--------------------|-------------------------------------|
| Product Type:      | Expression Plasmids                 |
| Product Name:      | Comp (NM_012834) Rat Untagged Clone |
| Tag:               | Tag Free                            |
| Symbol:            | Comp                                |
| Vector:            | pCMV6-Entry (PS100001)              |
| E. coli Selection: | Kanamycin (25 ug/mL)                |
| Cell Selection:    | Neomycin                            |



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**Fully Sequenced ORF:** >RN214080 representing NM\_012834  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAGCCCCTGCTGCGTTCTAGTGCTCGCCCTGGCTGCCTTGCGGGCTACCGCCAGGGCCAGATCC  
 CGCTGGGTGGAGACCTAGCCCCACAGATGCTTCGAGAACTCCAGGAGACTAATGCGGCGCTGCAAGACGT  
 GAGAGAGCTCTTGCGACACAGGGTCAAGGAGATCACCTTCTGAAGAATACGGTATGGAATGTGACGCT  
 TGCGGAATGCAGCCCGCACGCCCCCGGTCTGAGCGTGCGGCCAGTCCGCGCTCTGCGCACCCGGCTCCT  
 GCTTCCCTGGCGTAGTCTGCACGGAGACAGCTACCGGCGCGCTGCGGCCCTGCCCTCCGGGCTACAC  
 CGGCAACGGCTCGCACTGCACCGACGTTAATGAGTGCAACGCTCACCCCTGTTTCCCGCGCTGCGGTGC  
 ATCAATACCAGCCCTGGCTTTCCTGCGAAGCCTGTCCCCTGGGTTAGCGGGCCACCCACGAGGGTG  
 TGGGGCTGACCTTCGCCAAGACCAACAACAAGTTTGACAGATATTAATGAGTGTGAGACCGGGCAGCA  
 CAATTGCGTTCCTCAACTCCGTGTGCGTCAACACCCGGGGCTCCTCCAGTCCGGTCCCTGCCAGCCGGC  
 TTCGTGGGCGACAGAGGTCAAGGCTGCCAGCGGGTGGGCAACACTTCTGCCCGACGGGTACCCAGCC  
 CGTGCCATGAGAAAGCAGACTGTATTTGGAGCGCGACGGCTCAAGGTCCTGCGTGTGTGCGGTCCGGCTG  
 GGCCGGCAACGGGCTCCTGTGCGGACGCGACACAGACCTGGACGGTTTCCCGGACGAGAAGCTTCGCTGC  
 TCAGAGCGCCAGTGCCGCAAGGACAACCTGCGTGACGGTGCCTAATCAGGGCAGGAGGATGTGGACCGGG  
 ACCGCATTGGAGATGCTTGTGACCCGGATGCGGACGGGGATGGAGTCCCTAATGAGCAAGACAATTGCC  
 GCTGGTTCGAAACCCAGACCAGCGCAACTCCGATAAAGACAAGTGGGAGATGCCTGCGACAACCTGCCG  
 TCCAGAGAAGATGATGACCAGAAAGATACAGACCGGGATGGCCAGGGCGATGCCTGCGACGACGACATAG  
 ATGGCGATCGAATCCGAAATGTAGCTGACAACCTGCCCCGGGTGCCCAACTTTGACCAGAGTGACGCGA  
 TGGTGATGGTGTGGGGATGCCTGTGACAATTGTCCCCAGAAAGACAACCCGGACAGAGGGACGTGGAC  
 CACGACTTTGTGGGTGATGCCTGTGACAGTGACCAAGACCAGGACGGGGATGGACACCAAGACTCCCGGG  
 ACAACTGCCCCACAGTGCCCAACAGTGCCACGAGGACTCAGACCATGATGGCAAGGGTATGCCTGTGA  
 TGATGACGACGACAATGACGGAGTCCCTGACAGCCGGGACAATTGCCGCTTGGTGCCCAACCCGGGCCAA  
 GAGGACAATGACCGGGATGGCGTGGGTGACGCTTGTGAGGGTACTTCGATGCTGACAAGGTTATAGACA  
 AGATCGATGTGTCCCGGAGAACCCGAGGTCACTCTACCGACTCAGGGCCTTCCAAACAGTTGTGCT  
 GGACCCGAGGGTATGCGCAGATCGACCCCAACTGGGTGGTGTCAATCAGGGAATGGAGATCGTTCAG  
 ACCATGAACAGTGACCTGGCCTGGCTGTGGGTTACACGGCATTCAACGGTGTAGATTTGAGGGAACGT  
 TCCATGTAACACCGCCACCGATGATGACTACGCTGGCTTCATCTTCGGCTATCAAGACAGCTCAAGTTT  
 CTATGTGGTCATGTGAAACAGATGGAGCAGAGCTACTGGCAGGCCAATCCTTCCGGGCAGTGGCTGAA  
 CCAGGGATTACAGCTCAAGGCTGTCAAGTCTCTACAGGTCGCCGGGAAACAGCTCCGAAATGCGTTGTGGC  
 ACACGGGGGACACAGCATCCCAGGTGCGGCTGCTGTGGAAGGATCCTCGAAATGTGGGCTGGAAGGATAA  
 GACATCTACCGTGGTTCCTGCAGCACCGGCCTCAAGTCGGCTACATCAGGGTGCGGTCTATGAGGGT  
 CCTGAGCTAGTAGCTGACAGCAACGTGGTGTGGACACAGCTATGCGTGGTGGCCGCTGGGTGTCTTCT  
 GCTTCTCCAAGAGAATATCATCTGGGCTAACCTGCGCTACCGTTGCAATGATACAATCCCTGAGGACTA  
 TGAGCGTCACCGCTGCGGAGGGCT**AG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_012834

**Insert Size:** 2268 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).

|                               |   |
|-------------------------------|---|
| <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_012834.1</a></u> , <u><a href="#">NP_036966.1</a></u>   |
| <b>RefSeq Size:</b>           | 2421 bp   |
| <b>RefSeq ORF:</b>            | 2268 bp   |
| <b>Locus ID:</b>              | 25304   |
| <b>UniProt ID:</b>            | <u><a href="#">P35444</a></u>   |
| <b>Cytogenetics:</b>          | 16p14   |
| <b>Gene Summary:</b>          | extracellular matrix protein that interacts with fibronectin and may play a role in extracellular matrix assembly and molecular interactions [RGD, Feb 2006]  |