

## Product datasheet for **RN206637**

### **Cd22 (NM\_001107503) Rat Untagged Clone**

#### **Product data:**

|                    |  |
|--------------------|--|
| Product Type:      | Expression Plasmids                    |
| Product Name:      | Cd22 (NM_001107503) Rat Untagged Clone |
| Tag:               | Tag Free                               |
| Symbol:            | Cd22                                   |
| Vector:            | pCMV6-Entry (PS100001)                 |
| E. coli Selection: | Kanamycin (25 ug/mL)                   |
| Cell Selection:    | Neomycin                               |



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**Fully Sequenced ORF:** >RN206637 representing NM\_001107503  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTGTGTCCCCTGCCGTGGCTCCTCCTGATCCTTGACATGTGGCTTCCCTCCGCTCAGCAACTGGAT  
 GGTCTGTTGAACATCCCCAAACCCTCTTTGCCTGGGAGGAGCCTGCATCCAGATTCTTGAAGTACAA  
 AGTACCAAAGCCTAGGTGCGTTTGGACAGCATCCTCCTTTTTTCAGAACTATACGTTTGACAACACCACC  
 AGGGATTTACAGGAAAGGTCTCTATAACAACACGAAGGCGAGCATAGAGACTGAGCTGTACTTTTCTC  
 AGCAAGACAGAGTAACATTTCTGGGAAACAGATCGAACAAATTGTACCCTGAAAATCGACCCGATACATGC  
 CAATGACAGTGGGAAGCTGGGCTTGAGTTGATCTCAGGGACTGACAAATGGATGGAGCACATTCACCTC  
 AACGTCTCTGAGAGACCGTTCCAACCTTACATCCAGCTGCCATCGGAAATCCGGGAATCCCAAAGGGTTT  
 CTCTGACCTGTGGACTGAATTTACCTGCTTTGGGTATGACATCAGCCTTCGGTGGTCTCTGGACGGGTC  
 CGAGGTCAGCCCTGTACCTCTCCATCACCTCCTCCGTTGAGAACGTCTATACAGAGAGCAAGCTCACC  
 TTCCAGCCAAAGTGGACAGACCAGGAAAGAGCATGATGTGCCAAGTCTGGCACTTCTCCAAAGTGTCT  
 CTGAGAGGACAGTGGCTCTGGATGTTAAGTACACCCCAAAACTGCAGATCACGGTCAATCCACAGAGGT  
 CAAGGAGGGCAACTCTGTGACCATGACATGTGAGGTTAACAGCAGCAACCCGAGTCTCAGTACCAAGAAG  
 GTATCCTGGTTCAAGGATGGGAGCTTCTGAAGGAACAACAGGAACAGGAGGAGCTAACTCTGCATTGAG  
 TGACCAAGGACATGAGAGGGAAATACCAGTGCCGGGCTTCCAACAACATAGGCCAAGGACAGTCCAAAGA  
 AGTGGCACTCACGGTCTCTATCCTCCGGAACCCCTCAAGGTTACATCTATCCCTCACCGGCTGAAGAG  
 GGACAGTCAGTAGAGCTGATCTGCGACTCACTGGCCAGTCCAAGAGCAACAAACTACACCTGGTATCACA  
 ATGGGGAAATGGTACCCGAGCCAGCCATGAGAAGCTCCAGATCTCTAATGTCTCCTTTGGTCTGCTGG  
 GAAATACTCTTGCTTGGCAGAGAACCCTGCGGTTGTGGAAAGATAGAACAGGAAGCTGAGCTGGATGTC  
 CACTATGTTCCCAAGCGGTAACCACAGTGATTCAAAGCGTCACACCAATTCGGGAAGGAGACAGCGTGA  
 CCCTAGACTGTAGATACTCACTCCAGCAATCCAGAGGTCACCAAGTATGAATGGAGTCTCAAGGTTCTGG  
 GAGCGAGGTCACACCTGGAGTGCTAAGGATTCAGAAAGCGACATGGGATTCCTCCGCCCCATCAATGTGCT  
 GCCTGTAACACTAAGTGTCTGTTGCTTCCCTGTGAGCCTGAATGTCCACTATGCCCCAGAGCCGTGA  
 AGATACTGAAGGTGAGCCCCGATCGGAGATCCACGCTGGGCAGCATGTCCTCCTCAATGTGACTTCTC  
 AGGGAGCTTCCCCACAGAGGTCGGCTTCTTCTGGAAGAAGAATGGGAATCTCGTGCAGGAAGGGAGATA  
 CTGAATTCAGCTCCATCTCTCCAGAAGATTCTGGAAATTATAACTGCATGGTCAGAAACTCCATCGGAG  
 AGACCTCGTCACAGGCCCTGGAGCCTGCAAGTGCTGATGCTCCTCGGAGGCTGCGTGTGTCATCAGCCC  
 TGGGGACAGCGTGATGGAGGGGAAGAAGGCCACCTTGTCTGTGAGAGTGATGCCACCCGCCCGCTTTC  
 AAGTATATCTGGTTTGACGCCAATGACCAAGACCTCCACTTCTCGGGCCAGAAACTGAGGCTGGAACCCC  
 TGAGAGTTCAACACACGGGTTCTACCCTGCCAAGGGATCAACGAGCTAGGCACGGGAAAGTACCACCC  
 CAGCACCTCACGGTTTACTACAGCCCAGAGACCATCGGCAAGCGGGTCGCCTTGGGACTAGGGTTCTGC  
 CTGGCTATCTGCATCCTGGCCATCTGGGGGATGAAAATCCAGAAAAAATGGAAGCACAACCCGAGCCAGC  
 AGGGCCCTCAGGACAATCCAGTGGCCAGAGCTTTTTTGTGAGGAACAAAAGGCTAGAAGGACCCGCTC  
 CACAGAAGGCCCCAGTCCCAGGGATGCTACAATCTGGCGATGGATGACACCGTTAGTTATGCTGCTTG  
 CGCTTCCAGAGAGTGACACGCACGGCGCTGGAGGTGCAAGGAGCCAGCAACACAGGGTCTCCTCCAA  
 ACGACGATGACACAGTCACTTACTCGGTGCTACAGAAGCGGAATATGGGTGACTATGAGAATGTGAGTCC  
 AAAGTCCCGGAGGATGAGAGCATCCATTACTCAGAGCTGGTTCAGTTTGGGGCTGGGAAGCGGCCCCAG  
 GCAAAGGAAGACGTAGACTATGTGACCCTCAAGCACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001107503  
**Insert Size:** 2559 bp

|                               |   |
|-------------------------------|---|
| <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_001107503.1</a></u> , <u><a href="#">NP_001100973.1</a></u>   |
| <b>RefSeq Size:</b>           | 3695 bp   |
| <b>RefSeq ORF:</b>            | 2559 bp   |
| <b>Locus ID:</b>              | 308501  |
| <b>Cytogenetics:</b>          | 1q21  |