

Product datasheet for **RN201209**

Cd96 (NM_001025032) Rat Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Cd96 (NM_001025032) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Cd96 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >RN201209 representing NM_001025032
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGAAGAAAATGGACATACTGTGTGGTTTACGCCATCATCCAGATACAGTTTTTCAGGGGAGCATGGG
AAGAACTATTCAATGCTGGAGATAACAACGTGTATGCTCTGCCTGGTTCTGATGTCAACTTGACCTGCCA
AACAATGGAGAAAAGACTTAATGGTTTCAAGTGCAGTGGTCCAAGGTCACAGATGAGATTGATATGATTGTT
GTTTATCATCCCCAATATGGCTTCCACTATATGCAGGGGGTTGCCTGTGAGTCACGAGTGGCTGCGGTAG
AAACTCTGAAGGATGCAACGAAATGGACTCTGAACTTAAGGAATATCTCTCCAGCCTCAGTGGAAAGTA
TGAGTGCAGTTCCTACTATGTATCCAACAGGCACCAAGACTATAGTCTACAACCTCATTGTGGAACCTAT
ACACAAGATGAACACAACCGTACAATAGAAATAGAGACAAATCGGACTCTGGAAATACCATGCTTTCAA
ATACCTCCTCAGAAATTTACCTAGGTTACCTTTTCATGGTTGGTGGAGAAAGATGGAGTGAAGACGT
TCTCTTACCTACGATTACCACGTCAGCAATTCACAGCATTTAAAGGCAGAGTTGGGCTGGGTGCAGAC
TATGGACTCCGCCTCTCCCCAGTCCAAATCCAAGATGATGGCAGGACATTCTCTTCTTTCTGAGAAATCA
GTCCTCTCAAAGTCTGGAAGACATCCACCACAGTCAAGGTTTTTGCTAAGCCAGAAATCCTCATGACTGT
GGAAAACACCACCATGGATGTCTTAGGAGAGAGATTTTACCTGCCTTCTGAAGAATGTTTTCCCCAAA
GCAAGTATTACCTGGTTAATAGATGGAAGACTTTTTCAAGGCAATGAAGAAGGAATATACATTACAAATG
AAGAAAAAATAGCAGTAGCGGATTTTGGGAAGTGAAGTCGGTTCTAACAAGGATGCACAATAGAATC
CCAATCAAACAATATGACAGTTTGGTGTATGGCTCTGTGCCAGGCCCTGGAAATAAAATGTGGAATACT
TCATCACAACCCATCACATTTTCTTGGATTCTGGGACTGCCCAACAAAACGTCTACCCAATGTGACAG
GTTCTACCCTGGGTGCACAAACCTTTCCAGATGCCGAAGTATCTCTACAAGATATCTAGTACATCTTC
AATGACAATTGTAGATGAAAATGTGTTGACACCAGACCCAACCTCTCAAACCAGCAATTCCAGCATGACT
ACTAAAGATGTCAACTATTTCCAGCCCTCCAGTGGGACAGATGCCAAGAAGTCTCAAGACTGCTTCTT
CTTCTGATGGTGGATCTCGGCCTTTTCTTCCACCTCTCTCCCAAATGGCTCTCACTGCCTCATACTTC
CACTGGACCCAGGAACCAAGACTCCGCAGTTTCATGGATACCAACAGATGCGTACACTTCAGGCTCTTCA
GATGCAAGCTTAACTTCTCAGATGTATCATCCGTACAACCAAGAATTTCCAGATGCTCTCACAACCTG
CAAATGGAAGTAAATTAACATGGCCACGTACAGGAATCACAGTTAATAAGCCCAGAGATGGAAT
GTCCTGGCCTGTGGCTGTGCGACTTTGCTATTTTCTGCATACTGTTGTTTGGGCTGGAGTGAGAAAA
TGGTGTAGTATCAAAGGAAATCATGGAAAGACCCACCTTTCAAGCCACCACCCTCCCATCAAGT
ACATGTGCATTACAGGAACCCACTGGACGTGGCATGCCTTGTGATGAGATGGAGGTCTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001025032

Insert Size: 1812 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).

Components: 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).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

RefSeq: [NM_001025032.1](#), [NP_001020203.1](#)

RefSeq Size: 2079 bp

RefSeq ORF: 1812 bp

Locus ID: 498079

UniProt ID: [Q5BK49](#)

Cytogenetics: 11q21

Gene Summary: May be involved in adhesive interactions of activated T and NK cells during the late phase of the immune response. Promotes NK cell-target adhesion by interacting with PVR present on target cells. May function at a time after T and NK cells have penetrated the endothelium using integrins and selectins, when they are actively engaging diseased cells and moving within areas of inflammation (By similarity).[UniProtKB/Swiss-Prot Function]