

Product datasheet for **MC202083**

Cd96 (NM_032465) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cd96 (NM_032465) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cd96
Synonyms:	1700109I12Rik; Tactile
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC052865 sequence for NM_032465
 AGAGGTAATCCGTGATCATTACAGAAATGCTGGCGTGAGCTCTTCGGGAGACAATGGGGAGAAAATGGAC
 ATATTGTGTTGTTTACACCATCATCCAGATACAGTTTTTCAGGGGAGTGTGGGAAGAGCTATTCAATGTT
 GGAGATGACGTGTATGCTCTACCTGGTTCTGACATCAACTTGACCTGCCAAACAAAGGAGAAAACTTCT
 TGGTACAGATGCAGTGGTCCAAGGTCACAGATAAGAATGACATGATTGCTCTTTATCATCCCAATATGG
 CCTCTACTGTGGCAGGAGCATGCCTGTGAGTCACAAGTGGCTGCCACAGAAAAGTGAAGGGGTGAACA
 AATTGGACTCTGACTTAAGGAATATCTCTTCTGCCCTGGGTGGAAGTATGAGTGCATCTTTACTCTGT
 ATCCAGAAGGCATCAAGACTACAGTCTACAACCTCATTGTGGAACCTATACACAAGATGAACACAATA
 TACAATAGAAATAGAGACAAATCGGACTCTGGAATACCATGCTTTCAAATACCTCCTCAGAAATTCCA
 CCTAGGTTACCTTTTTCATGGTTGGTGGAGAAAGATGGAGTGAAGAAGTTCTCTTACCACCACATCACC
 ACGTCAACAATCCACATCATTTAAAGGCAGAATCAGGCTGGGTGGAGACTATAGACTCCACCTCTCCCC
 AGTCCAAATCCAAGACGATGGCAGGACATTCTCTTGCCATCTGACTGTCAATCCTCTCAAAGCCTGGAAG
 ATGTCCACCACAGTCAAGGTTTTGCTAAACCAGAAATCCTCATGACTGTGGAACAGCACCATGGATG
 TCTTAGGAGAGAGATTTTACCTGCCTACTGAAGAATGTGTTCCCAAGGCAAAATACCTGGTTTAT
 AGACGGAAGATTTCTTCAAGGCAACGAAGAAGGAATATACATTACAAATGAAGAGAAGAATTGCAGTAGC
 GGATTTTGGGAACTGAAGTCAGTTTTAACAAAGGATGCACAGTGGACCATCCCAATCAAACAACATGACAG
 CTTGGTGTATGGCTCTGTCTCCAGGCCCCAGAAATAAAATGTGGAATACTTCATCACAACCCATCACGGT
 TTCTTTGATTCCGGTGTAGCCCCAACGAAACATCTACCCACTGTGACAGGTTTCTACCCTGGGTACACAA
 CCTTTTTCAGATGCTGGAGTATCTCCTACAGGGTATCTAGCTACACCTTCAGTGACAATTGTAGATGAAA
 ATGGGTTGACACCAGATGCAACTCCTCAAACCAGCAATTCAGCATGACTACTAAAGATGGCAACTATTT
 GGAAGCCTCCAGTGGGACAGATGCCAAGAACTCCTCAAGAGCTGCTGCTTCTTCTAAAAGTGGATCTTGG
 CCTTTTCTTTCACTTCTCCTCCAGAATGGCACTCACTGCCTGGTACCTCCTGACCCCAAGAACCAG
 ACTCCCCAGTTTCATGGATACCCAGTGAAGTACACACTTCAGCCCCTTTGGACGCCAGTTAGCTCCTCA
 TGATACCATCATCAGTACAACCACAGAATTTCCAATGTCTCACAACCTGCAAAATGGAACACTACTAAAATT
 GACCATGGACCTATCACCAGTATCATAGTTAATCAACCCAGTGTGCAATGTCCTGGCCTGTGCTTGTGCG
 CGGCTTTGCTCTTTTTCTGCACACTATTGTTTGGGCTGGAGTAAGAAAATGGTATCGGTATCAAAATGA
 AATCATGGAGAGACCCCCACCTTTCAAGCCACCACCCTCCCATCAAGTACACGTATATCAAGAACC
 ATTGGATGCGACCTGTGTGTCATGAGATGGAGTCTCTAAGCTTTTGGCCTTGTACAGCGAAGCAG
 TGCTGGAGTCTGTAGGAAGGGAGATATTGTACAATTAATATCATCACCAGCCAGGCGTGCCTCTGCT
 TCAGCTCAAATGAATGTTGGAATAAATGACTTCTATTCCAGCATACTGCCCTTTTCATCTGCAAAACA
 CCTGAGATGTAATAAGCATTAGAGAATAAAGCGATGTTACACCCAGAAAAAATAAAAAAAAAAAAAAAAAA AAAAG

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_032465
- Insert Size:** 1809 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: [BC052865](#), [AAH52865](#)

RefSeq Size: 2105 bp

RefSeq ORF: 1809 bp

Locus ID: 84544

UniProt ID: [Q3U0X8](#)

Cytogenetics: 16 B5

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]