

Product datasheet for **MC205788**

Cd300ld (NM_145437) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cd300ld (NM_145437) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cd300ld
Synonyms:	4732429D16Rik; Cd300ld1; clm-5; CLM5; LMIR4; MAIR-IV
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC019814
GGCAACTCAAGCTGAGCTGCGAGTCTCTCACAGGTCCTGACATCTGTCTGCAACAAGGACATGAGAGGAG
ACGACCATGTGGCAGTTCTCTGCTCTACTCCTATTCTTCTCCCAGGCTGCTGCACGGCTCAGGATTCAG
TCACAGGTCAGAGGAGGTGAGCGGTGAGGAGCAGGCTCCTTGACAGTGCAGTGCAGATATTCCTCATA
CTGGAAGGGTTACAAGAAGTACTGGTGCCGAGGAGTTCTCTAGAGATCATGTGATATTCCTGTTGAAACC
GATAAATCAGAGCAGCTGGTGAAGAAGAACCGTGTGTCCATCAGGGACAACAGAGAGACTTCATCTTCA
CAGTGACCATGGAGGATCTGAGGATGAGCGATGCTGGCATTACTGGTGTGGAATTACGAAAGGTGGACC
TGATCCCATGTTTTAAAGTTAATGTGAACATTGACCAAGCCCCAAAAAGTTCAATGATGACCACCACAGCC
ACAGTTCTGAAATCCATAACAACCAAGCGCTGAGAACACTGGCAAGGAACAAGTACTCAGAGCAAAGAAG
TGACTCAGAGCAGGCCCCACACAGGTCCCTGCTGAGCAGCATCTACTTCTGCTGATGGTCTTTGTGGA
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GGTGAAATGACCTGGTGAAGACCCATAGTCTGTTGCCTAGGATAGAGAGAAACAGTTCCTCAAGAAATG
GAAATAATCTCTGTCTCTGTGTTGTCTGTCTGTCTGTCTGGGGTGATGTATGTGTGTGCATGCACC
TTGCCGGGGCAGATGTGTATGTGGGAGACATCTACTGGAATCATTCCCTTAGTATCTGAGACAGGGTTTC
TAATTGACCAGCACCTTTGTGTGGTAGGTGAGCAGCTGGCCAGGGAACCTCAGGGATCTCCCTGCCTCT
ACCATCCATCCTGAGATTGCAAGCATACACGAGTGCCCTAGCTTAAAAACAAACAAACAAACACCT
TAGGTTGTAGGGATTGAACTCATGTCTTGTACCTGCAAGGAAGGTAGGCGATTTACCTGCTGAGCCATC
TCCCAATCTGGAAGAGCTCAATCTAGTAAAGAACAACTCATCAGCAGTACCATGTCTCTGATGTGCTG
CACAACCAGACTCAGACTAATCCCACTCCTATAGCAGGGACAGCTGAGTTCTGGAACCCATTATGTGCC
CCTCTCTCAGGACATCCTGCAATACCTATCTGGGGCTATCTTCCACTGATGACTTCCAAGAAGAAAATA
CAAGAAAACATCACATTTCTTCTTAGTGTACTAGTTCCTTAGAGGACACAGTCCAATATAAGACTGCGGG
CCACCAGCCAGTTGATTGACCAAATATCTGGTGATGTGGCTCACCAGTAGCATAAAGTTTGGCCATG
TCACACTAGTTATCTGTCCCTTATTGGCAGGACACACCTGCTTTCTTTTTCTCAACACAGCCAGTGA
CTAAGCCCATTGCAAAACCAGATGGAGTAGTTGACCTAAGCTTTGTACCACCTGCTCAGGTCTTCAAGTA
GTAGTTAAGCCTTGGTCCCTGAAATCTAGATTGCTCAGTGAGACCAATGGGGAGGTCAACTGCAGGAAT
CAGCTGATCTCAGGAGTCACGAACCCACATCACCCCCAACCCCTCCAGGAATGGTCTCTTACCAGG
CCCTTCCACTCTCTCCCTTTTACTCAGACAAATCTATTGAATGTCTAAGTAGTTATCACTCTCCACATAC
ATGCTCCAAAAATAAGACAGACCCAATTAAGTCCATAGAGAAGGCCAATGGGATCAAAGGTAATACTCA
GGGGAATGAGTAGTCTCAGCCACCAAGTCTCAGACATCCTGAGTTCTGCACCATGACACAGTCTTCTC
TTGAGTGGGGCTCTGACACCCACAGCCAAATTCACAACTAACATGGGTGTTCTCCAACCTTTGTGGAAGAA
GAGTCCCCAGGTTAGCATCTTCTCAGTGATGACATGTGTTGGACTCTAGTGAGCTTGCTCTTGTTAAGA
GGATGGTTTTCAATTGCTTCAGGGGTATACCTGCCAGTCAGTCAGCCACATTCCTCACTCATGCTCAGACC
AACAAATCATGGTTAAACTCTGTGGGACAG
ACATAATATCAGGAGAGGGACTCATTAGAGCTGTAGGTGAGGATGGTAGCAGATGCCTTTAATCTCA
ACACTCAGGAGGCAGAGGCAGGTGGATTCTGAGTTCTAGGTGAGTCTGCTTTACAGAGTGAGTTCTAGG
ACTACACAGAGAAATCCAAAAAACAAAGGCTACACAGAGAAACCATGTCTGGGGTAAAAAAAAAAAAAA AAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_145437

Insert Size: 666 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC019814](#), [AAH19814](#)

RefSeq Size: 2456 bp

RefSeq ORF: 666 bp

Locus ID: 217305

UniProt ID: [Q8VCH2](#)

Cytogenetics: 11 E2

Gene Summary: Acts as an activating receptor in myeloid cells and mast cells.[UniProtKB/Swiss-Prot Function]