

Product datasheet for MC214770

Cd300Id3 (NM_199201) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cd300Id3 (NM_199201) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cd300Id3
Synonyms: AY457049; Cd300lh; clm-3; Clm3; Lmir7
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC214770 representing NM_199201
Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGGCAGTTCCTGCTCTGCTCTTCTTTCTCCAGGCTGCTGCACGGCTCAGGATCCAGTCACAG
GTCCAGAGGAGGTGAGCGGTCAGGAGCAGGGCTCCTTGACAGTGCAGTGCAGATATGACTCAGGCTGGAA
GGATTACAAGAAGTACTGGTGCCGAGGAGCTTATTGGAAATCATGTGAGATTCTCGTTGAAACCGATGCA
TCAGAGCAGTTGGTGAAGGAAAACCGTGTGTCCATCAGGGACGACCAGACAGACTTCATCTTCACAGTGA
CCATGGAAGACCTGAGGATGAGCGATGCTGACATTTACTGGTGTGGAATTACGAAAGCTGGAAGTATCC
CATGTTTTAAAGTTAACGTGAACATTGACCCAGAAATTTCAACTACAATCATGACGACGACAGCCACAGTT
CTGCCATCCACAGTTCTGACATCCACAGTTCTGACATCCACAGTTCTGACACCCACAACCAACCACGG
AGAGCATTGGCAGAGAAACATTGGCCAGGTGACTCAGAACTCTCTTTCATCTGGTCCCTGTTGAGCAG
CATCTCCTTCTTGCTGATGGTCTTTGTGGTGGTTCCCCTCCTCCTGAGCATGCTCAGTGTCTCTCTGG
GTGAACAGGCCTCAGAGACACTATGGGGGAGGTGAAATTGGCCTGGTGGAAACCCATAGATCTGATGCC
TGGACGGAGAGAAACACTTCCAGGAGATGAAAA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_199201
Insert Size: 738 bp



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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:	<u>NM_199201.1, NP_954671.1</u>
RefSeq Size:	738 bp
RefSeq ORF:	738 bp
Locus ID:	382551
UniProt ID:	<u>Q6SIQ5</u>
Cytogenetics:	11 E2
Gene Summary:	Acts as an activating receptor inducing cytokine production in mast cells. Can act as a positive regulator of TLR9 signaling in macrophages, leading to enhanced production of proinflammatory cytokines.[UniProtKB/Swiss-Prot Function]