

## Product datasheet for **MC207849**

### Cd300c2 (NM\_134158) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cd300c2 (NM_134158) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cd300c2
Synonyms:	Cd300c; Cd300d; CLM4; DIgR1; Igsf7; Lmir2; MAIR-II
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC207849 representing NM_134158 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGATTCCAGAGTAATAAGATTGTGGCTGCCTCAGCTCTGTTCTCTCAGGTCCCAGGCTGTGTCC  
CACTGCATGGCCCCAGCACTATCACAGGCGCTGTGGGAATCGCTCAGTGTGCATGTCAATACGAGGA  
GAAATTCAGACTAAGGACAAATCTGGTGCAGAGGGTCACTGAAGTACTCTGTAAGATATTGTCAAG  
ACCAGCAGCTCAGAAGAAGTTAGGAATGGCCGAGTGACCATCAGGGACCATCCAGACAACCTCACCTTCA  
CAGTGACCTATGAGAGCCTCACCTGGAGGATGCAGACACCTACATGTGTGCGGTGGATATACACTTTT  
TGATGGCTCCTTGGGGTTCGATAAGTACTTCAAGATTGAGTTGTCTGTGGTTCCAAGTGAGACCCAGTC  
ACAGGTTGAGCCTTGGAGTGGTAGAGATATCCTGGAATCCCCACATCCTCAGTTGGGCACACTCATC  
CCAGTGTGACCACAGATGACACAATTCCTGCTCCCTGCCCTCAGCCTCGGTCTCTTCGGAGCAGCCTCTA  
CTTCTGGGTCTGGTGTCTCTGAAGTTGTTCTGTTCTGAGCATGCTTGGTGTGTCTCTGGGTGAAC  
AGGCCTCAGAGGTGCTCTGGGGGAAGCAGCTCTCGGCCCTGTTATGAGAACCAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_134158
Insert Size:	687 bp



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<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_134158.1</a></u> , <u><a href="#">NP_598919.1</a></u>
<b>RefSeq Size:</b>	1139 bp
<b>RefSeq ORF:</b>	687 bp
<b>Locus ID:</b>	140497
<b>UniProt ID:</b>	<u><a href="#">Q7TSN2</a></u>
<b>Cytogenetics:</b>	11 80.57 cM
<b>Gene Summary:</b>	Acts as an activating receptor in mast cells and macrophages.[UniProtKB/Swiss-Prot Function]