

Product datasheet for **MC212667**

Cd300Ib (NM_199221) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cd300Ib (NM_199221) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cd300Ib
Synonyms:	CLM-7; Clm7; Gm253; LMIR5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212667 representing NM_199221 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGTAAGACTCAGAGGCAACCTGGACAAACAGAACGAGTCAGCTGAGATCTCCAGGGCTTTGGGTA
TCCCGCTGAGATTTGGATTTGCTGCTGGCTGTTTCATCAAGGAGTGCAGCAAAGTGGGAAGGCAGGACCAT
GTGGCTGTCCCAGCTTTGCTTCTTCTCAGTTTTCCAGGCTGCCTCTCCATCCAAGGCCAGCATTGGTG
AGGGTCCAGAGCAGGGTCACTGACTGTGCAATGTCGCTATAGCTCAAGATGGCAAACCAAGAAGT
GGTGGTCCGGGAGCAAGCTGGAGCACTTGCAGGGTCCCTCATCCGATCCACTGGGTGAGAGAAAGAAAC
GAAGAGCGGCCGGCTGTCCATCAGGGACAATCAGAAAAATCACTCATTCCAGTTACCATGGAGATGCTC
AGGCAAAATGACACGGCACTTACTGGTGGTATTGAAAAGTTCGGAAGTACCCTGGCCCACTGTGGA
AAGTGAACGTCTACTCGGTGGTAAAGATACCATGTCGACTTCTAATCACTTCCCTGGCCCACTGTGGA
CGGCAGTACAGACATGGTGTCTTCTGACTTGCAGAAGAGGACCTATTACATGCTCCTGGTATTTGTGAAG
GTGCTGCCTTGCTCATCTTGGTGGTGTGCTCCTCTGGTGAAGAGGTCAACTCAGAAGTCCCTGAGG
AACAGTGGAGACACACTCTGTAGCGATTTGGACTCTGAAGTCTAGCTAAAGACATTTCTCCTTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms:	https://cdn.origene.com/chromatograms/ja1663_h05.zip
Restriction Sites:	SgfI-MluI
ACCN:	NM_199221
Insert Size:	768 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:	<ol style="list-style-type: none">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:	<u>NM_199221.2, NP_954691.2</u>
RefSeq Size:	2880 bp
RefSeq ORF:	768 bp
Locus ID:	217304
UniProt ID:	<u>Q3U497</u>
Cytogenetics:	11 E2
Gene Summary:	Acts as an activating immune receptor in mast cells through its interaction with ITAM-bearing adapter TYROBP.[UniProtKB/Swiss-Prot Function]