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Product datasheet for MC208063

Cd302 (NM_025422) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cd302 (NM_025422) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cd302
Synonyms:	1110055L24Rik; AI159627
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC208063 representing NM_025422
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCCCACGCAGCGCTGTCCTCGCTCGTGCTGCTGAGCCTCGCCACTGCCATCGTCGCCGACTGTCCTT
CATCTACCTGGGTCCAGTTCCAAGGCAGCTGTTATGCTTTTCTTCAAGTAACCATCAATGTGGAAAACAT
AGAGGATGTCAGAAAACAGTGCACTGACCACGGGGCAGACATGGTAAGCATACACAATGAAGAGGAAAAC
GCGTTTATACTGGACACTTTGCAAAAGCGATGGAAGGGTCCAGATGATCTCCTGCTAGGCATGTTCTATG
ACACTGATGATGCAACTTTCAAGTGGTATGATCATTCAAATATGACATTCGACAAGTGGGCAGATCAAGA
TGGTGAGGACCTAGTTGATACCTGTGGTTTTCTGTACACCAAGACAGGTGAATGGAGAAAAGGGGATTGT
GAAATCTCTTCTGTGGAGGGAACACTTTGCAAAGCAGCAAATAACCACATTTTAATATCGACTCTGGTGA
TCGCTAGCACAGTAACTCTGGCAGTTTTGGGAGCGATCATTTGGTTCCTCTATAGAAGAAACGCGCGCTC
TGGCTTCACCTCTTTTTCACCTGCACCACTGTCACCTTACAGTGATGGCTGTGCCCTGGTAGTTGCAGAA
GAAGATGAATATGCTGTTCAGCTGGACTAA

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites:	SgfI-RsrII
ACCN:	NM_025422
Insert Size:	660 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.
RefSeq:	NM_025422.4, NP_079698.2
RefSeq Size:	1336 bp
RefSeq ORF:	660 bp
Locus ID:	66205
UniProt ID:	Q9DCG2
Cytogenetics:	2 C1.1
Gene Summary:	Potential multifunctional C-type lectin receptor that may play roles in endocytosis and phagocytosis as well as in cell adhesion and migration.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks an alternate in-frame exon in the 3' coding region, compared to variant 1, resulting in an isoform (b) that is shorter than isoform a.

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