

Product datasheet for RN211965

Cd302 (NM_001013916) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cd302 (NM_001013916) Rat Untagged Clone
Tag: Tag Free
Symbol: Cd302
Synonyms: RGD1307606
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN211965 representing NM_001013916
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCCCCACGCAGCGCTATCCTCGCTCGTGCTGCTGAGCCTAGCCACTGCCATCTTCGCTGACTGTCCTT
CGTCCATCTGGGTTCAAGGCAGCTGTTACACTTTCTTCAAGTAACCATCAATGTGAAAAACAT
AGAGGATGTCAGAAAGCAGTGTACTGATCACGGGCAGACCTGGTAAGTATACACAATGAAGAAGAAAAC
GCATTTATACTGGACACTTTACAAAAGCGATGGAAAGGCCGGATGATCTTCTGCTAGGCATGTTTTATG
ACACTGATGATGCAAGTTTCAAGTGGTTTATGATCAGTCAAATATGACATTCGACAAGTGGGCAGATGAGGA
TGGTGAGGACCTAGTTGACACCTGTGGTTTTCTGTATGCCAAGACAGGTGAATGGAGAAAAGGAAATTTGT
GAAATGTCTTCTGTGACAGGAACACTTTGCAAAACAGCAATCCCATATGACAAGAAGTATTTATCAGATA
ACCACATTTTAAATCGACTCTGGTGATCGCTAGCACAGTACTCTGGCAGTTTTGGGAGCGGTCAATTTG
GTTCTCTATAGAAGGAGCGCACGCTCTGGCTTACCTCTTCTCTCCTGCACCACAATCACCTTACAGT
GATGGCTGTGCTCTGGTAGTTTCGGAAGAAGATGAATACTCTGTTTCAGCTGGAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001013916
Insert Size: 687 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_001013916.1</u> , <u>NP_001013938.1</u>
RefSeq Size:	1234 bp
RefSeq ORF:	687 bp
Locus ID:	295629
UniProt ID:	<u>Q5FVR3</u>
Cytogenetics:	3q21
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]