

Product datasheet for MR216958

Cd302 (NM_025422) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cd302 (NM_025422) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Cd302
Synonyms: 1110055L24Rik; A1159627
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR216958 representing NM_025422
 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

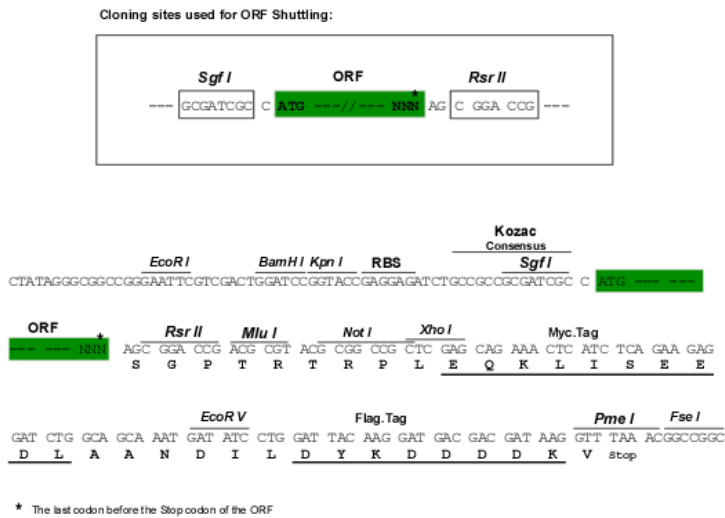
ATGCCCCACGCAGCGCTGTCCTCGCTCGTGTGCTGAGCCTCGCCACTGCCATCGTCGCCGACTGTCCTT
 CATCTACCTGGGTCCAGTTCCAAGGCAGCTGTTATGCTTTTCTCAAGTAACCATCAATGTGAAAAACAT
 AGAGGATGTCAGAAAACAGTGCCTGACCACGGGGCAGACATGGTAAGCATAACAATGAAGAGGAAAAC
 GCGTTTATACTGGACACTTTGCAAAGCGATGGAAGGGTCCAGATGATCTCCTGCTAGGCATGTTCTATG
 AACTGATGATGCAACTTTCAAGTGGTATGATCATTCAAATATGACATTCGACAAGTGGGCAGATCAAGA
 TGGTGAGGACCTAGTTGATACCTGTGGTTTTCTGTACCCAAGACAGGTGAATGGAGAAAAGGGGATTGT
 GAAATCTTTCTGTGGAGGGAACAACCTTTGCAAAGCAGCAATAACCCACATTTAATATCGACTCTGGTGA
 TCGCTAGCACAGTAACTCTGGCAGTTTTGGGAGCGATCATTTGGTTTCTCTATAGAAGAAAACGCGCGCTC
 TGGCTTACCTCTTTTACCTGCACCACTGTCACCTTACAGTATGGCTGTGCCCTGGTAGTTGCAGAA
 GAAGATGAATATGCTGTTTCAGCTGGAC

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-RsrII



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Cloning Scheme:


ACCN: NM_025422

ORF Size: 657 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

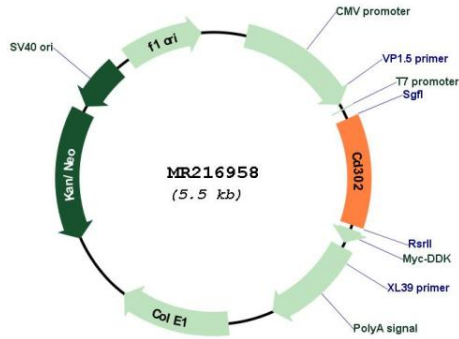
1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store 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: 1257 bp

RefSeq ORF: 660 bp
 Locus ID: 66205
 UniProt ID: [Q9DCG2](#)
 Cytogenetics: 2 C1.1
 MW: 24.8 kDa
 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]

Product images:



Circular map for MR216958