

Product datasheet for MC208912

Klrb1c (NM_001159904) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Klrb1c (NM_001159904) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Klrb1c
Synonyms:	AI462337; CD161; ly-55c; Ly-59; Ly55c; Ly59; Nk-1; Nk-1.2; NK-RP1; Nk1; NK1.1; Nk1.2; NKR-P1.9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208912 representing NM_001159904 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGAAACCCCTCAGAGACAGGAATCAGTGGGTGTGGGAACAGAGCAGAGCATTACAGAGGACTTTCT
TTTGCTTATTTACCTCAAAGGCCTTGGAGTTTGTCCCTTCTCACCACCAGTTAAGTGTTGCATCTCCTG
TGAAATGGACACAGCAAGTATCTACCTCGGTTTAAAGCCACCCAGGACTGGGGCTTGGCATGAGTCA
CCCCATCTTCCCCAGATGCCTGTCGGTGCCACGTTACACAGGTTGGCTCTGAAGCTCAGCTGTG
CTGGGCTCATCCTCCTTGTCTGACCCTGATTGGGATGAGTGTCTTAGTGCGAGTCTTAGTACAAAAACC
ATCAAGAGAAAAATGCTGTGTGTTTATTCAAGAGAACC GAATAAAACAACAGATTGTTCAAGTTAATTTA
GAGTGCCACAAGACTGGCTTTTACACCGAGATAAGTGCTTTCAGTTTCTCAAGTTTCCAACACTTGGG
AGGAAGGTCAAGCTGACTGTGGTAGAAAAGGAGCCACTTTGCTGCTCATTCAAGACCAAGAAGAAGTGG
ATTCTACTGGACTCAATAAAGGAAAAATATAATTCATTTGGATTGGACTAAGGTTACATTGGCAGAC
ATGAACTGGAAGTGGATAAATGGCACAACCTTCAATTCTGATGTAATAAATCACTGGTGTCACTGAAA
ATGGCAGCTGTGCCTCCATCTTAGGAGATAAAGTGACTCCTGAGAGCTGTGCTTCAGACAACCGTTGGAT
CTGCCAAAAGGAATAAACCATGAAACCCCGAGTAATGACTCC TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001159904
Insert Size:	816 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_001159904.1</u> , <u>NP_001153376.1</u>
RefSeq Size:	2641 bp
RefSeq ORF:	816 bp
Locus ID:	17059
UniProt ID:	<u>P27814</u>
Cytogenetics:	6 63.09 cM
Gene Summary:	Plays a stimulatory role on natural killer (NK) cells cytotoxicity. Activation by cross-linking of the receptor induces Ca(2+) mobilization and interferon-gamma production. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).