

Product datasheet for MC212941

Klrb1f (NM_153094) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Klrb1f (NM_153094) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Klrb1f
Synonyms:	A630024B12Rik; Nkr-p1f; Nkrp1-f; Nkrp1f
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212941 representing NM_153094 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACACATCAAAGGTCCATGGCAATGTAAAGCCATTTAGGTGTCCAGGGTATAAGCAAGCATCTTCTC
CATCTTTCTCCAGATGCTTGTGGTGGCCACACTGGCATCATTTGGCTCTGAAATCTGGCTGTGCTGG
GCTGATCCTTCTTCTCTTGAGCCTGATTGGACTCAGTGTCTTAGTGAGATTCCTAGTGCAAAACCACCA
ATAGAAAAATGCAGTGTGGCTGCTCAAGAGAACAGGACTGAACTAACAGGAAGATCAGCCATACTAGAGT
GCCCGAGATATTGGCATCCACTGGAACAAATGTTTATTTGTTTCTCAAATTTCCAGACCTTGGGCAGA
AGGTCGAGATGCCTGCTCTATGGAAGACGCCATTTTGTGCTCATTGAAAATAAAGAAGAACTGAGATTT
GTGCAGAACTTGATAAAGGGAAAAGAAGTATTTTTTATTGGACTAAAATATGTACAGAAGGAGAAGA
TCTGGAAGTGGATAGATGGCTCTATTTTAAATCCTAACCTATTACGAATCACTGGCAAGGACAAAGAAAA
CAGCTGTGCCATCATCTCACACACGGAAGTGTTCAGATTCTTGTCTTCAGACAACCACTGGATCTGC
CAAAGACCCTGATACATGTC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja3387_a12.zip

Restriction Sites: SgfI-MluI

ACCN: NM_153094

Insert Size: 654 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_153094.2 , NP_694734.1
RefSeq Size:	1708 bp
RefSeq ORF:	654 bp
Locus ID:	232408
UniProt ID:	Q8VD98
Cytogenetics:	6 F3
Gene Summary:	Binds CLEC2I/C1r-g leading to activation of natural killer cells or costimulation of IL-2 production and proliferation of T-cells in response to antigen stimulation. May contribute to the formation of the immunological synapse between T-cells and antigen-presenting dendritic cells.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and is protein-coding.