

Product datasheet for **RN209526**

Klrb1a (NM_001010964) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Klrb1a (NM_001010964) Rat Untagged Clone
Tag: Tag Free
Symbol: Klrb1a
Synonyms: NKR-P1A; Nkrp1a
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209526 representing NM_001010964
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGACACAGCACGTGTCTACCTCAGTTTAAAGCCATCCAAGACTGCCGCGGGGCTCAGTGTGTATCAC
CTCCATCTTTCCCCAGATGCCTGTCGGTGCCACGTTACACAGTTGGCTTTGAAGCTCAGCTGCGC
TGGGCTGATCCTTCTTGTCTTGGCCTGGTTGGGATGAGTATTTAGTGGAGTCTTAGTCAAAAACCA
TCAGTGGAGCCATGCCGAGTGCTTATCAAGAGAACCTGAGTAAAACAGGTAGTCCAGCTAAGTTAAAGT
GCCAAAAGACTGGCTTTCACACCGAGATAAATGCTTTCATGTTTCTCAAACCTCCATCACTTGGAGGA
AAGTCTAGCTGACTGTGGTGGAAAAGGAGCCAGTTGCTGCTCGTTCAAGACCAAGAAGAACTGAGATTC
CTACGGAACCTTGACAAAGAGAATAAGCAGCTCATTCTGGATTGGATTAAGTTACACATTGTCAGACGAGA
ACTGGAAGTGGATAAACGGCTCGACTTTAAATTCTGATGTATTAAGCATCACTGGTGACTGAAAAGGA
CAGCTGTGCCTCCGTCTCACAGGACAAAGTGCTTCTGAGAGCTGTGATTCAGACAATATATGGGTCTGC
CAAAGGAACAAAATGTGAATGCATGTGAATGACTCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001010964
Insert Size: 672 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_001010964.1</u> , <u>NP_001010964.1</u>
RefSeq Size:	1012 bp
RefSeq ORF:	672 bp
Locus ID:	362443
UniProt ID:	<u>P27471</u>
Cytogenetics:	4q42
Gene Summary:	Plays a stimulatory role on natural killer (NK) cell cytotoxicity.[UniProtKB/Swiss-Prot Function]