

Product datasheet for **RR212111**

Kir3dl1 (NM_181479) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kir3dl1 (NM_181479) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Kir3dl1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR212111 representing NM_181479 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATGTTTCGAGTTCCTAAGCCTACTGTGTTCTCGTTTCTTCCTAGTCCAGAGGATGTCAGCACACATGG
GAAGTTATGATAAGCCTTTTCTCTGTGCCTCGCCAAGTTATATTGTTCCAGGGACAGAATGTGACTCT
TATTTGTGACTCTCATAGTAAACCTAACATATTCAAGGTGTACAAGAAGATGGGTTTCCTATCCTTCAG
TTACATGAGAAAAACATTCACGAAGAGCCTTGACATTGGTCTGTAAACCCAGAATATGCAGGCACCTACA
GATGCTTTCATCATCAATACCCTAATGAAATTTACAGCGCATAGTGAACCTCTGAAGATCATAATTTACAGG
AATCTACATGAAGCCTTTCCTCATAGCTCCACAACTCCCTGGCAAATTCAGGAGAGAATGTGACCCTG
GAGTGTCAATCAGAGATTATGTTTGATACCTACATTTTGACTTCACACAGAATGGAATACTAAAAGAAA
CTTTGCAGCATTTTCAAGAATCTCATTTTAGTGGGTCTTATGCCAGTTTCACAATTGGTCCCATGACACC
TGATCACAGTGGAAACATACACGTGCTATGGTGCTTACAATCATAGCTTATATGAGTGGTCAGACTCTAGT
GACCCCGTTGACATCAAGATCACAGGTGAATACAAGAAACCTTCTGTGCTGTGTGATGAGCCCTGTAC
TGGTGTGAGAACAGAACATGACCCTGTCTGCATCTTAACCATCAGTTTGAAATGTTCCATCTGTCCAG
AGAAGGGTGCCTCAAGGAAAAGGGATACCTGCAATGCAGAGCCACAGTGGTAAATTTGAAGCCAATTC
CTTCTTAGTCCTGTGATCCAAAAAGGAACTATAGATGCTATGGCTCTTTCAAAACTCTTCCCATGTGT
GGTCATCTCCAAGTGACCCCTTGTACCTTCTGCCAAAGATAACCTCAAGAACCTGCACATTCAAATTGG
GCTCTTAGTGACCATGGTCTTGTATCGTCGTCATCATCATCATCATCATCATCATCATCATCATCATCAT
TATTATTACTTTTCCAAAAAGAGCAGCATTTTAGAACAAGAGTCTGAAGTTAAAGCAACAATAAACA
GACAGGATCCTGAAAGACAAGAAGAGCATAAGGTGACATACATAGAATTTGAGCAGAGGATCTTCAACAA
AACTTAATGCCTCTATTTCCAGAGTCCAAGGAGTTTTCTATAGATACTGTTGTGTACACAGAAGTT
ATGATA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR212111 representing NM_181479
Red=Cloning site Green=Tags(s)

MMFEFLSLLCSGFLLVQRMSAHMGSYDKPFLCASPSYIVPQGQNVTLICDSHSPKNIKFKVYKEDGFPIQL
 LHEKTFKSLDIGPVTPEYAGTYRCFHHQYPNEISAHSEPLKIIISGIYMKPFLIAPQTPLANSGENVTL
 ECHSEIMFDTYILTSHRMEILKETLQHFQESHFSGSYASFTIGPMPDHSHTYTCYAYNHSLYEWSDSS
 DPVDIKITGEYKPKPSLSSVMSPVLVSEQNMTLSCISNHQFEMFHL SREGVPQGGKIPAMQSHSGKFEAKF
 LLSPVIQKGNRYCYGSFKNSSHWSSPSDPLYLPAKDNLKLNHIQIGLLVTMVLVIVVIIIIIIIIIIIIII
 YYYFYSKSSILEQESEVKATINRQDPERQEHEKVTYIEFEQRIFNKNLMPPISQSPKEFSIDTVVYTEV
 MI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

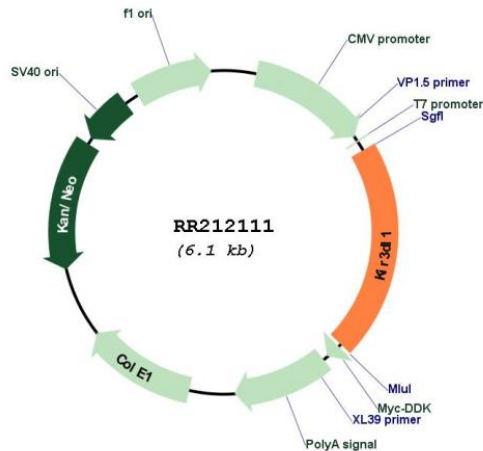
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:	NM_181479
ORF Size:	1266 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:	<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:	NM_181479.2 , NP_852144.1
RefSeq Size:	1310 bp
RefSeq ORF:	1269 bp
Locus ID:	353253
UniProt ID:	P83556
Cytogenetics:	1q12
MW:	48.1 kDa
Gene Summary:	killer cell Ig-like receptor [RGD, Feb 2006]