

Product datasheet for RN209367

Klrk1 (NM_133512) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Klrk1 (NM_133512) Rat Untagged Clone
Tag: Tag Free
Symbol: Klrk1
Synonyms: NKG2D; Nkrp2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209367 representing NM_133512
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGCAAATGCCATAATTATGACCTCAAGCCAGCAAAGTGGGATACTTCTCAAGAGCATCAGAAACAAA
GATCTGCACTCCCTACCAGCCGACCTGGAGAGAATGGTATCATAAGACGAAGGTCTTCTATAGAAGAACT
CAAAATATCTCCACTGTTTCGTTGTCGAGTCCTGTTGCAGCCATGACCATTTCGTTCCCGTTATCACA
TTGACATGGCTTGCTGTTTTCAACTTTGTTATGCAACAAGGAAGTTTCAGTTTCTCAAGAGAGGGCT
ACTGTGGCCCATGCCCTAACGACTGGATATGTCACAGAAACAAGTGTACCAATTTTTAATGAGAACAA
AGCCTGGAACAGAGCCAAGCTTCTGTTGTCTCAAAATTCAGCCTGCTGAAGATATACAGTAAAGAA
GAACAGGATTTCTTAAAGCTGGTTAAGTCCTATCACTGGATGGGACTAGTCCAGAGCCCAGCAAATGGCT
CCTGGCAGTGGGAAGATGGCTCCTCTATCACCCAACGAGTTAACACTGGTGAAAACACCAAGCGGAAC
CTGTGCTGTCTATGGCTCAAGCTTAAAGGCTACACAGAAGACTGTTCAAATCCAACACATACATCTGT
ATGAAAAGGGCAGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_133512
Insert Size: 648 bp



[View online »](#)

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_133512.2</u> , <u>NP_598196.1</u>
RefSeq Size:	1159 bp
RefSeq ORF:	648 bp
Locus ID:	24934
UniProt ID:	<u>O70215</u>
Cytogenetics:	4q42
Gene Summary:	functions as a natural cytotoxicity receptor to stimulate perforin-mediated elimination of ligand-expressing tumor cells [RGD, Feb 2006]