

Product datasheet for **RN200727**

Klra22 (NM_173291) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Klra22 (NM_173291) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Klra22
Synonyms:	Klra1; Ly49; Ly49s2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN200727 representing NM_173291 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGAATGAGCAGAGGTTCACTTTCTCAACTGCAAGATTTCAAAATCTTCAGTGCTGCAGAACAGGAGA
GGACTGAGGAGACTCAGAGGCCTAGAAAAGCTGGAACAGAGTCTGCTGGCAGATCACTGTGACAGCTCT
TGGAATCCTGTGTTTCTTCGGCTAGTATCGGTTGCAGTGATGGTGATAAACATTTTTCAGTACAGTCAA
AGAAAACATGAATTCAGGAAACACTATCCAACCTCCACCATAACTACAGCACCATGCAAAATGACATCA
ACTTAAAGGAAGAAATGCTGAGAGATATGTCTACAGAGTATAGTGCTGTTAATCATTTTCTGGACTTCCT
CAACAGAGAAAAGAACAGATGTTACAACAAAACCAAGACTGTTTTAGATTCTTCAGCAGCTCAGGTAGA
GGTGTTGAAATGCACTGGTTCTGTTATGGTATAAAATGTTATTATTTTCATCATGGACAGAAAAACATGGA
GTGGATGTACCCAGACCTGTGAGAATTTCACTTTGCCCTTCTGACGATAGATGATGAGGATGAAGTATGAT
GTTCTTCATCTCCTTGTACTCCAGACAGTACTGGATTGGATTGTCTTATGATAATAAAAAAGTATGAT
TGGACATGGATTGACAACAACCCATCTAACTTGCCTTGAACACAAGGAAATACAATATTAAGGATGGAG
GATGTGTATTCTTATCTAAAACAAGACTAGACAATTAATACTGTGATAATTTATTCAGTTGTATTTGTGG
GAAGAGACTGGATAAATCCCTGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_173291
Insert Size:	798 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.
RefSeq:	<u>NM_173291.1</u> , <u>NP_775413.1</u>
RefSeq Size:	1175 bp
RefSeq ORF:	798 bp
Locus ID:	24933
Cytogenetics:	4q42
Gene Summary:	MHC-binding receptor on NK cells that triggers rat NK cell-mediated responses [RGD, Feb 2006]