

Product datasheet for **MC226663**

Klra4 (NM_001252577) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Klra4 (NM_001252577) Mouse Untagged Clone
Tag: Tag Free
Symbol: Klra4
Synonyms: Chok; Klra32; Klra33; Ly-49d; Ly49d; ly49r<129>
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226663 representing NM_001252577
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACTGAACAGGAAGACACTTTCTCAGCTGTGAGATTCCATAAGTCTTCAGGGTTGCAGAACGAGATGA
GGCTCAAGGAGACACGGAAGCCTGAAAAAGCTCGCCTCAGAGTGTGTTCCAGTTCCTGGCAGCTCATTGT
GATAGCTCTCGGGATCCTCATTTCCCTTCGACTGGTAAGTGTGTCAGTGTATGACAAACATTTTCAG
TATGGTCAACAAAACATGAACTGAAGGAATTTCTAAAACACCACAATAACTGCAGCATCATGCAAAGTG
ACATCAACTTGAAGGATGAACTGCTGAAAAATAAGTCTATAGAGTGAATCTTCTGGAATCCCTCAACAG
GGATCAAAACATACTGTGTGATAAAACCAGGACTGTTTTAGATTACTTACAGCACACAGGCAGAGGTGTT
AAAGTATACTGGTTCTGTATGGTATGAAATGTTATTTTCGTCATGGACAGAAAACCATGGAGTAGAT
GTAACAGAGCTGCCAGAATCCAGCTTAACCTTCTGAAGATAGATGATGAGGATGAACTGAAGTTCTT
TCAGCTCGTGGTTCCTTCAGACAGTTGCTGGATTGGATTGTCATATGATAATAAGAAAAAGATTGGGCA
TGGATTGACAATCGCCATCTAACTTGCTTGAACACAACGAAATACAATATAAGAGATGGAGGATGTA
TGTTCTTATCTAAAACCTAGACTAGACAATAATTACTGTGATCAATCATTCTGTATTTGTGGGAAGAG
ATTGGACAAATCCCTCAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001252577
Insert Size: 792 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001252577.1</u> , <u>NP_001239506.1</u>
RefSeq Size:	959 bp
RefSeq ORF:	792 bp
Locus ID:	16635
UniProt ID:	<u>Q60651</u>
Cytogenetics:	6 63.44 cM
Gene Summary:	<p>Receptor on natural killer (NK) cells for class I MHC.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR and uses an alternate in-frame splice site in the coding region, compared to variant 1. This results in a shorter protein (isoform 2), compared to isoform 1.</p>