

## Product datasheet for **RR210478**

### **Klk11 (NM\_001106252) Rat Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Klk11 (NM_001106252) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Klk11
Synonyms:	Klng
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR210478 representing NM_001106252 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGAGGAGGCCAGGAGGCTGAAGAGTGACTGAAATTATCTACAGAACCCAGGGAACCTGGAGCCCGTC  
CTGCTTTACTCCAGGCCATGATGATTCTCCGATTCATTGCACTTGCTCTGGTAACAGGGCACGTAGGGGG  
AGAGACGAGGATCATCAAGGGTTATGAGTGCAGGCCTCACTCCCAGCCATGGCAGGTGGCCCTTTTCAG  
AAGACACGGCTTCTCTGTGGGGCAACCCTCATCGCCCCAAATGGCTCCTGACAGCAGCCCACTGCCGCA  
AGCCCCATTACGTGATCCTCCTTGGGGAGCACAATCTGGAGAAGACGGATGGCTGTGAGCAGAGGCGAAT  
GGCCACTGAGTCCTTCCCGCACCCCGGCTTCAACAACAGCCTCCCCAACAAAGACCACCGGAATGACATA  
ATGCTCGTGAAGATGTCGTCTCCCGCTTCAATACCCGAGCTGTGCGACCACTCACCTGTCTCACTCT  
GCGTCACTGCAGGCACCAGCTGCCTCATTTCCGGATGGGGCACCACGTCCAGCCCCAGTTGCGCCTGCC  
TCATTCTTGGGATGTGCAATGTCTCCATCATCGGACACAAGGAGTGTGAGAGGGCCTACCCGGGGAAC  
ATCACGGACACCATGCTGTGTGCCAGTGTTCGAAAGAGGGCAAGGACTCCTGTGAGGGTACTCTGGAG  
GCCCCCTGGTCTGTAATGGATCTCTCAAGGCATCATCTCCTGGGGTCAAGACCCATGTGCTGTCAACAG  
GAAGCCTGGTGTCTACACAAAAGTCTGCAATACTTTGACTGGATCCACGAGGTTATGAGAAACAAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR210478 representing NM\_001106252  
Red=Cloning site Green=Tags(s)

MRRPRRLKSDWKLSTEPREPGARPALLQAMMILRFIALALVTGHVGGETRIIKGYECPHSPWQVALFQ  
 KTRLLCGATLIAPKWLTAACHCRKPHYVILLGEHNLEKTDGCEQRRMATESFPHPGFNNSLPNKDHRNDI  
 MLVKMSSPAFITRAVRPLTLSSLCVGTAGTSCLSISGWGTTSSPQLRPHSLRCANVSIIGHKECERAYPGN  
 ITDTMLCASVRKEGKDCSQGDSGGPLVCNGLQGIISWGQDPCAVTRKPGVYTKVCKYFDWIHEVMRNN

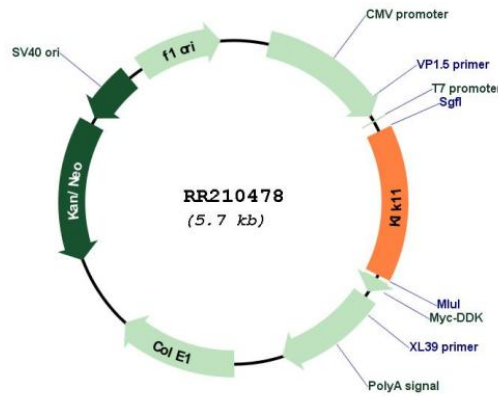
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001106252

**ORF Size:** 837 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001106252.1</a> , <a href="#">NP_001099722.1</a>
<b>RefSeq Size:</b>	1260 bp
<b>RefSeq ORF:</b>	840 bp
<b>Locus ID:</b>	292849
<b>Cytogenetics:</b>	1q22
<b>MW:</b>	31 kDa