

## Product datasheet for **RN217135**

### **Kel (NM\_001191611) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Kel (NM_001191611) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kel
Synonyms:	RGD1565470
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN217135 representing NM\_001191611  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGGACCTCCCTGGAGCCAGGAGAGATCTCCAGAAGAGAGTCTTCCACTGAATGGAGCAGACAGTCTGA  
 CAAGAGCCAGATGGGTGCTGCTAGCTGTCTGCTTTGTGGCCTGCTCATTGGTTGTTCTATGCTTTGGGT  
 TTACATTTTCCGGAAGTGTGGTCTTGGACCTGTGAGTCACTGTGTGTATGGAGCTCGTGAACCATTAC  
 CTGGCTTCTGGAAACAGAAGTGGCGCCCTGTACTGACTTTTTTCAGCTTTGCTTGTGAAAAAGCCAATG  
 GGACCAGTAAGTCTTCCAGGCACTTGCAGAAGAGAACAAGAGCCGACTGTGAAACTATTGGAGGCCCC  
 AGGGTCTGGCATCTAGAATCTGGAGAGGAGAAAGCCTTCCAATTTATAACTCCTGCATGGACACAGAT  
 GCCATTGAAGCTTCAGGGACTGGTCCACTGTACAAATTTAAAGAGCTTGGAGGCTGGAATATTTCTG  
 GCAATTGGACTTTTTTACTTCAATCAAATCTGAGGCTTCTGATGAGTCAGTATGGCCACTTCCCATT  
 CTTCCGAGCCTATCTTCATCCTCATCCAGCCCTCCACATACGCCAATCATCCAGATAGACCAGCCGGAG  
 TTTGACATTTCTTCCAGCAAGATCAGGAACAGAAAGTCTATGCTCAGATCCTACGGGAATATGTGACAT  
 ACCTGAACCGGTTGGAACTTTACTTGGGAGTAACCCACAGGAAGCACAACAACATGCCTCCTGGTCCAT  
 CGTCTTTACCTCACGGCTGTTCCAGTTTCTGAGGCCACAACAAGCAGCAGGCACAAGACAAGCTCTTT  
 CACGTGGTTACTATTGATGCCCTTCCAGAAATGGCCCCAGCCATCGACTGGTTATCCTGTTTACAAGCAA  
 TATTCACACCGATGTCTTTGAGTCCCTCCAGACCCTCCAAGTCCATGACCTAGACTACTTGAGAAACAT  
 GTCACAGCTGGTAGAAGAAGGGCTGTGAATCACAGTGAATAACAGAGCTACATGATCCTTGGGTTG  
 GTGGATAACCCTTCCAGCAGCTGGCCACTAAATTCAGGAGGCACGCAGAGAAGTACTGAGAACTAC  
 GGAAACTGAAAGAACGACCACCCTGCCAGCCTACCCTCGTGGATGAAGTGTGTGGAACAGACGGGATC  
 CTTCTTTGAGCCTACTCTGGCAGCTCTGTTTGTTCATGAAGCCTTTGGTCCAAGCATTGGAAGTCTGCC  
 ATGGAATATTTGCTGAGATAAAGGATGCTGTCATCGTACGCCTCAAGAAGCTTTCTGGATAAGTGAGG  
 AGACTCGGAAAGAGGCTTGAACAAGCTCACCAACTGCAGTGGAGATGGGGGCTCCAAAACGGGCCCT  
 GAAGACTGAGATGGCCAAACAAGAAATAGTGATATAACAATGGTCCCAGTTTCTTCAATCTTTCCTA  
 AGCTGTGTACGATCCCTCCAGGGCAGAAAGGTTCCGAGTTTCTTGCAGCCTTTCCCTACCACAGATGGC  
 AGAAATCTCCCTGGAGCGTCAGTGCCTACTATTAGTACCTGACCATGTGGTGGTCTTCCCTGCTGGCCT  
 TCTCCAACCTCCATTCTCCACCCTGGTACCCAGAGCCGTGAAGTTTGGCGCTGTTGGCAGCATCATG  
 GCCATAAAGTGTGCATATCTTCTTCCAATTCTACTTCTGGGGGCTGCCAGCCTGCGACACACAGT  
 CACTACAAGAAGCACTTCTATGCCTGGAGCATCGCTATGCTGCCTTCCCCTTACCAGCATGTCCCTTT  
 CAATGGTTCTCACACTCCTGGAAATGCTGCAGACATAGGAGGCGTAGCCATTGCATTTACAGGCATAT  
 AGAAAGAGGATAACAGAGCGCACTGGAGAGTTGACTCTGCCAACAGGAGCTCAGCCCCATCAACTCT  
 TCTTCCGAAGCTACGCCAGGTAATGTGTAGGGAGCTGATCTACAAGACCCTCAGGACACTCACAGTCC  
 TCCAAGGCTTCGAGTCCATGGGCCCTCAGCAATTCTCCAGATTTTGCCAAACATTTTCTTTGTCCAAGT  
 GGTTCCCTTCTGAATCCCTTACCCGCTGCAAGCTCTGGTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001191611

**Insert Size:** 2142 bp

**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).

<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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>	<u><a href="#">NM_001191611.1</a></u> , <u><a href="#">NP_001178540.1</a></u>
<b>RefSeq Size:</b>	2259 bp
<b>RefSeq ORF:</b>	2142 bp
<b>Locus ID:</b>	297025
<b>Cytogenetics:</b>	4q23