

## Product datasheet for **RN205597**

### **KansI3 (NM\_001034835) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	KansI3 (NM_001034835) Rat Untagged Clone
Tag:	Tag Free
Symbol:	KansI3
Synonyms:	RGD1309220
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN205597 representing NM\_001034835  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCCACCGGGTGGGAGAGGGACTCCAGACTTCAGCTCGTCGGATGGGTACCTCCCTGCTTTTCC  
 AGCTTTCAGTGATGAGCGGAACTGGACTTGTCTTTCTGGATCATAGCTATGCAAAACCGTGGAGTGC  
 CCACCCCGATGCCAGCAGCGCCCGCCACCCGCATGCTCTTTGTAACCTCCCGTCGCGCAGCAGGAGAAT  
 ACTATTGAGTCAGACGTTCCAATAGATGTGGAGACTGTCACGGCAACTCTGCTCCACTCTATGACAATC  
 AGAAGGCAAGAAGTGTGATGAATGAGTGTGAACGGCATGTGATCTTCGCCAGGACAGATGCAGATGCTCC  
 TCCTCCACCAGAAGACTGGGAAGAGCACGTCAACAGGACTGGCTGGACAGTGGCTCAGAATAAGCTGTT  
 AACAGATCCTCAAAGCCCTGCAGTCTGACCGGCTCGCACGATTGGCCAATGAAGGGCTTGCAATGAGC  
 CTGTGCTCGTGTGCTGTGGACAAGTGTGAAGGAGGGTGGCGCAGGCACTGGCAAGTGTGAGCTG  
 GGACACCAAGCTGATCCAGTGGCTGCACACCACCTCTGAGGACCTTGAGCCTACCCATGCTAGCTGCT  
 TACTTGGATGCATTGCAGACACTGAAAGGAAAGATCCCAACTCTGATAGACCGGATGCTTGTGCTGCTCCA  
 ACACAAAACCTGGGCGAGCAGGAGCTGAGGCTTGTCACTTCTCCTCAAGAGGCCCTGGGACCCTGCTGT  
 TGGTGTGCTTTCACATAACAAACCAAGCAAACCTCCCTGTTCTCCTTTGATTCTCATCGCCTCCTCTGGT  
 CCCTCCAGCTCTGTGTTCCCGCCTCACGCCGCCACCGCTTCTGGCAGTCCCAGCTTTCCTGCTTAGGCA  
 AGGTATCCCTGTAGTACCCACCTGCTGAACAATGGCAGTGGGTAGGAGTTCAGTGCCTTGAACA  
 CATGACTGGGGCAGTGAGAAGCAAAGTGTGGAGATTCACAGCCATTTCCACACAAGCCATCATCTTG  
 ATTGGATGGAGTACAGGAGCTTTGGTGGCTGTATGTCTGTGATGGAATACGTCAGTCTGTGTGCTG  
 GCCTGGGTTTCTCTGCTTACTGTGGATGGACCCCGGGGGATGTGGATGACCCCTCTGGACCTGAA  
 GACTCCAGTCTCTTTGTATTGGTCAGAACTCTACAGTGTACCCCTGAAGCCATGGAGGACTTCGGG  
 GAAAAGATTTCGAGCAGAAAATAGCTTGGTGGTGGTGGAGGAGCTGATGATAATCTCAGAATAAGCAAAG  
 CAAAGAAGAAATCAGAGGGCTTACTCAAAGCATGGTGGACAGGTGATTTCAGGATGAGATTGTGGACTT  
 CCTGACTGGGGTCTCACTCGTGTGAGGGTCACTGGGCTCTGAGCCTCGGGATCAGGATGCTGAGAAG  
 AAGAAGAAACCCCGGACGTGGCCCGCAGAGACCTGGCCTTTGAGATTCTGAGCGAGGCAGTCTGCTG  
 CTTCCCGAGCTGCCAGGCTTCCACATCCCCCTCAGGCTCAGAGGATCTCCTCAGTGTGCCAGCAGCCC  
 CACCTTAGCCCTAAGACCAAAGGGACCACAGTACCTCTGCCAGAAGTCCAGTCCAGTCCAGGACCTCC  
 CAGCTGCTGAGAAGACATGTGCAGAGGACGGACGCTGTGCTGACCCACAGACAAGCCCAAGTTCCTATT  
 CATCAGAACCAAGTGGAGGAGGTAGAGAAAGAAGAGCTTCGGGTCCAGCTGAAGAGGCACCATCCTCCAG  
 TCCTCTTCTGGCGCAAAGCCCTCCAAGCGACCGAAGATCAAAGTGTCCCTGATCTCCAAAGGGGACACA  
 GTTGGGGGCTTGTACTCTTTCTCAAGGTGGAACCTCTGAAGCTGCTGGAGGGAAGCCCATCACCATGA  
 CTCTGGGAGCTTACAGCAGGAGCCAAGGAGCTCACTGGACTTCTCACTACAGCCAAGTCAAGTCTTCTGA  
 AGGTGGAGTTACAGCCAGCGCAGCACCATCTGTGGCTTCAGCAATGCCACACCTAATGCCATCCACAG  
 TTGCAGAGCCGATTGGTGGCCACTTCTCCAGGCAGCTCCCTTCCAGGGCCCGCTCAGCCAGCAGCCTCC  
 TCCAAGGCCTCAGCTTCAAGCTGCAGGATATTAGCAGCAAGACCCTGGTCTCCAGGGAGTCCCTCCCC  
 AGGGCCAGCCCCACAGGCCACCAGTGTGAAATTGCCAACCCCATGCAGAGCCTGGTGGCATCACCACA  
 GGCACGACACCAATTGTCCGTACCACTTCTGTGGCCACCACTTTCTCCTTGGCTGCCACCCCTGGTG  
 GAAAACCACTGCCATCCACCAGCTGCTGACCAATGGAGGCTCGCTAAGTTGGCAAGCAGCCTACCTGG  
 CTTGGCTCAAATTTCCAACCAAGCATCAGGCTTAAAGGTCCCCACCACCTTACTCTGACTCCGCGGC  
 CAGCCAAGCAGAACTCACTACACTAAGCCCTATGGGTTCCAGGAGCAGCAGCATCCGAGGAGCCCAACTCCC  
 AGATGCTGCCCTTAGTTCACAGCGCTGCCTCCAGCACCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI  
**ACCN:** NM\_001034835

<b>Insert Size:</b>	2634 bp
<b>OTI Disclaimer:</b>	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>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_001034835.1</a></u> , <u><a href="#">NP_001030007.1</a></u>
<b>RefSeq Size:</b>	4460 bp
<b>RefSeq ORF:</b>	2634 bp
<b>Locus ID:</b>	316328
<b>UniProt ID:</b>	<u><a href="#">Q3KR73</a></u>
<b>Cytogenetics:</b>	9q21
<b>Gene Summary:</b>	As part of the NSL complex it is involved in acetylation of nucleosomal histone H4 on several lysine residues and therefore may be involved in the regulation of transcription. [UniProtKB/Swiss-Prot Function]