

## Product datasheet for **RN204192**

### **Kat2a (NM\_001107050) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Kat2a (NM_001107050) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kat2a
Synonyms:	Gcn5; Gcn5l2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN204192 representing NM\_001107050  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGGAACCTTCCAGGCCCAACCCGGCCCCGGCAGCGCAGCCCCGGCCCCCTCAGTCCCCGGCCC  
 CTGCCCAACTTCGACTCCTGCGCCAGTCCGGCTTCAGCCCCACTCCGGCTCCTACTCCGGCACCAGC  
 TCCTGCCCCAGCTGCAGCCCCAGCCGGGAGCACAGGGACTGGGGGGGCCGGGTAGGAAGTGGAGGGAT  
 CCGGCTCGACCTGGCCTGAGCCAGCAGCAGCGCTAGCCAGAGAAAGCGCAAGTCCGGGGCTGCCGC  
 GTGCCAAGAAGCTTGAGAACTAGGGTCTTCTCAGCTTGCAAGGCCAATGAAACCTGCAAGTGTAAATGG  
 CTGAAAAACCCCAAGCCCCACTGCACCCCGCATGGACCTACAGCAGCCAGCTGCTAACCTGAGCGAG  
 TTGTGCCCGAGCTGTGAGCACCCCTTGGCGACCATGTGTCCACCTGGAGAATGTGTGAGAGGATGAGA  
 TTAACCGCTCTGGGAATGGTAGTGGATGTAGAAAATCTGTTTCATGTCTGTTACAAGGAAGAGGACAC  
 GGACCAAGCAGGTCTATTTCTACCTCTCAAGCTCCTGCGGAAATGCATCCTGCAAAATGACACGACCA  
 GTGGTGGAGGGATCCCTAGGCAGCCGCCATTTGAGAAGCCTAACATCGAGCAGGGTGTCTGAACTTTG  
 TGCAGTACAAATTTAGCCACCTGGCCCCCGGGAGCGGCAGACAATGTTGAGCTCTCAAAGATGTTCTCT  
 GCTCTGCCTTAACTACTGGAAGCTGGAGACCCCTGCTCAATTCGGCAGCGATCCAGTCTGAGGATGTT  
 GCTACCTATAAGGTCAATTATACCAGATGGCTCTGTTACTGCCACGTGCCCTCAGAGCTGCGACAGCCTCC  
 CCCGATATGAGACCACCCATGTGTTTGGCCGAGCCTTCTGCGGTCCATTTTACTGTCAACCCGCCGGCA  
 GCTACTGGAAAAATTCGGGTGGAGAAGGACAACTGGTGCCCGAGAAGAGGACCCTCATCTCACTCAC  
 TTCCCCAAGTTCCTGTCCATGCTTGAGGAAGAGATCTACGGGGCGAATTCCCCCATCTGGGAGTCAGGCT  
 TCACCATGCCACCTTCGAGGGGACACAGCTGGTCCCCGGCCAGCGACTGTCAGTGCAACAGTTGTACC  
 CAGCACTCCCATCTTCAGTCCTTCCATGGCGGGAGGCGAGCAACAGCTCCCTGAGCCTAGATTCCACAGGG  
 ACAGAGCCCATGCCAGGAGAGAAGGAAGCTTCTGAGAACCTGACTCTGGAGGATGCTAAGCGCTCC  
 GAGTGTGGGCGACATTCATGGAGCTGGTCAACGAGGTGATGCTGACCATCACCGACCCTGCTGCCAT  
 GCTGGGGCCGAGACGAGCCTGCTTTCAGCCAACGAGCTCGAGATGAAACAGCTCGCCTGGAAGAGCGT  
 CGAGGGATCATCGAATTCACGCTATTGGCACTCTGACGCCCAAGGCCAACCGCGTGTGCTGTGT  
 GGCTTGTGGGGTGCAGAACGTCTTCTCCACCAGCTGCCACGAATGCCAAGGAATATATTGCCCGCT  
 CGCTTTTGACCCGAGCATAAGACCCTGGCCTTGATCAAGGATGGGCGGGTTCATCGGTGGGATTTGCTTC  
 CGCATGTTTCCACCCAGGGCTTACGGAAATCGTCTTCTGTGCTGTACCTCAAATGAGCAGGTCAAGG  
 GCTATGGACCCACCTGATGAATCACCTGAAGGAGTACCACATCAAACACAGCATCCTGACTTCCCTCAC  
 CTACGCCGACGAGTACGCCATCGGCTACTTCAAGAAGCAGGGCTTCTCCAAGGACATCAAGGTGCCAAG  
 AGCCGATATCTGGGTACATCAAGGACTATGAGGGAGCGACCCTGATGGAGTGTGAGCTGAACCCCGCA  
 TCCCTACACAGAGCTGTCCACATCATCAAGAAGCAGAAGGAGATCATCAAGAAGTTGATTGAGCGCAA  
 ACAGGCACAGATCCGAAAGGTTTACCCTGGACTCAGCTGCTTCAAAGAAGGAGTGAGGCAGATCCCTGTG  
 GAGAGCGTCCCTGGCATTGAGAGACAGGCTGGAAGCCACTGGGAAAGGAGAAGGCAAGGAGCTGAAGG  
 ACCCTGACCAGCTGTATACGACCCTCAAAAACCTGCTGGCTCAGATCAAGTCACACCCAGTGCCTGGCC  
 CTTTCATGGAACCTGTGAAGAAGTCGGAGGCCCTGACTACTACGAGGTTATCCGCTTCCCATTGACCTG  
 AAGACCATGACAGAACGGTTGCGCAGCCGCTACTATGTGACCCGGAAGCTCTTTGTAGCCGACTGCAGC  
 GGGTCATCGCAACTGCCGGAGTACAATCCCCAGACAGCAATATTGTCGCTGCGCCAGTGCCTGGA  
 GAAGTCTTCTACTTCAAGCTCAAAGAAGGAGGGCTCATTGACAAGTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001107050  
**Insert Size:** 2499 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_001107050.1</a></u> , <u><a href="#">NP_001100520.1</a></u>
<b>RefSeq Size:</b>	3059 bp
<b>RefSeq ORF:</b>	2499 bp
<b>Locus ID:</b>	303539
<b>Cytogenetics:</b>	10q31