

Product datasheet for **RN211831**

Kat5 (NM_001005872) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kat5 (NM_001005872) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kat5
Synonyms:	Htatiip; Htatiip1; Tip60
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211831 representing NM_001005872
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCGGAGGTGGGGGAGATAATCGAGGGCTGCCGCCTGCCCGTCTGCGGCGCAACCAGGACAACGAAG
ATGAGTGGCCCTGGCTGAGATCCTGAGCGTGAAGGACATCAGTGGCCGGAAGCTTTTCTATGTCCATTA
CATTGATTTCAACAAACGTCTGGATGAATGGGTGACTCACGAGCGGCTGGACTTAAAGAAGATCCAATTT
CCCAAGAAAGAAGCCAAGACACCTACCAAGAACGGACTTCTGGGTCCC GCCCCGGCTCTCCGAAAGAG
AGGTGCCGGCCTCCGCCAGGCCAGCGGAAGACCTTGCCAAATCCCGTCCAGATCACACTCCGTTCAA
CCTGCCAAGGAGCGGGAGGCCATTCCAGGTGGCAGCCTGACCAGCCGCTCTCTCCAGCTCTGCCTG
CAACCCAAACCACCGCTCAACGAAACGGAAGGTGGAGTGGTTTACCAGCAACTCCAGTCCCGAGCGAGA
CAGCCCCAGCTTCAGTTTTCCCCAGAATGGATCAGCCGTAGGGCAGTGGCAGCACAGCCAGGACGGAA
GCGGAAATCTAATTGCCGGGCACTGATGAGGATTCTCAGGACAGCTCAGATGGAATACCGTCCAGCACA
CGCATGACTGGCAGTTTGGTGTCTGACCGGAGCCACGACGACATTGTACCCGGATGAAGAACATTGAGT
GTATTGAGCTTGGCCGGCACCGCTCAAGCCGTGGTACTTCTCCCGTACCCTCAAGAGCTTACCAGCT
ACCTGTCTCTACCTGTGCGAATTTTGCCTCAAATATGGCCGTAGCCTCAAGTGTCTGCAGCGCCACTTG
ACCAAAATGTGATCTTCGACACCCCTCCAGGCAATGAAATTTACCGCAAGGGCACCATCTCCTTTTTGAGA
TTGATGGGCGGAAAAACAAGAGTTACTCACAAAACCTGTGTCTTCTGGCCAAGTGTTCCTCGACCACAA
GACATTGTAATGACACAGACCCCTTCTTTTCTATGTAATGACGGAGTATGACTGCAAGGGCTTCCAC
ATCGTGGGCTACTTCTCAAGGAAAAGGAGTCCACAGAAGATTACAATGTGGCCTGCATCTTGACTCTGC
CACTTATCAGCGCCGGGCTATGGAAAGCTGCTTATTGAGTTCAGCTATGAACTCTCGAAAGTAGAAGG
GAAGACAGGAACTCCTGAGAAACCCCTGTGAGATCTTGGCCTTCTATCCTACCGAAGTACTGGTCCCAA
ACCATCTTGAGATCCTGATGGGCTGAAGTCGGAGAGTGGGGAGAGACCACAGATCACCATCAATGAGA
TCAGTGAATCACTAGTATCAAGAAAGAAGATGTCATTTCCACTGCAGTATCTCAATCTCATCAATTA
CTACAAGGGCCAGTATATCTCACTCTGTGAGAAGACATCGTGGATGGGCATGAGCGGGCTATGCTCAAG
CGGCTCCTCGAATTGACTCCAAGTGTCTGCACCTCACTCCCAAAGACTGGAGCAAGAGAGGAAAGTGGT
GA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja3811_e12.zip

Restriction Sites: SgfI-MluI

ACCN: NM_001005872

Insert Size: 1542 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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).

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:

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: [NM_001005872.1](#), [NP_001005872.1](#)

RefSeq Size: 1975 bp

RefSeq ORF: 1542 bp

Locus ID: 192218

UniProt ID: [Q99MK2](#)

Cytogenetics: 1q43

Gene Summary: human homolog facilitates Myc-induced histone acetylation [RGD, Feb 2006]