

Product datasheet for **SC216692**

KAT6B (NM_012330) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	KAT6B (NM_012330) Human 3' UTR Clone
Symbol:	KAT6B
Synonyms:	GTPTS; MORF; MOZ2; MYST4; qkf; querkopf; ZC2HC6B
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_012330
Insert Size:	1608 bp



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Insert Sequence: >SC216692 3'UTR clone of NM_012330
The sequence shown below is from the reference sequence of NM_012330. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCTCTCAATGGCTCCTACATGAGAAGGTAGACAACGTGGGCAGTCCACAAAACCTACGGGGCATCACTA
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TAAAGTGAAATTGTTTTTTC
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: NM_012330.4

Summary:	The protein encoded by this gene is a histone acetyltransferase and component of the MOZ/MORF protein complex. In addition to its acetyltransferase activity, the encoded protein has transcriptional activation activity in its N-terminal end and transcriptional repression activity in its C-terminal end. This protein is necessary for RUNX2-dependent transcriptional activation and could be involved in brain development. Mutations have been found in patients with genitopatellar syndrome. A translocation of this gene and the CREBBP gene results in acute myeloid leukemias. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2012]
Locus ID:	23522
MW:	61.9