

Product datasheet for **SC204632**

HAT1 (NM_003642) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: HAT1 (NM_003642) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: HAT1
Synonyms: KAT1
ACCN: NM_003642
Insert Size: 364 bp
Insert Sequence: >SC204632 3'UTR clone of NM_003642

The sequence shown below is from the reference sequence of NM_003642. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGTGTATTGAACGACTTGCTCAAGAGTAAAGATTATACTGCTCTGTACAGGAAGCTTGCAATTTTCT
GTACAATGTGCTGTGAAAAATCTGATGACTTTAATTTTAAAATCTGTGACATTTTGCTTAACTAAAA
GTTATCTATCTTTAGTTGAATATTTCTTTGGAGAGATTGTATATTTTAAAATACTGTTTAGAGTTTA
TGAGCATATATTGCATTTAAAGAAAGATAAAGCTTCTGAAATACTACTGCAATTGCTTCCCTTCTAAA
CAGTATAATAAATGCTTAGTTGTGATATGTTAATGTGTGATGATGATTCTTAAATACTTACAATAAA
CCTCATTCTTAAATACTTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
```

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_003642.4](#)



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Summary: The protein encoded by this gene is a type B histone acetyltransferase (HAT) that is involved in the rapid acetylation of newly synthesized cytoplasmic histones, which are in turn imported into the nucleus for de novo deposition onto nascent DNA chains. Histone acetylation, particularly of histone H4, plays an important role in replication-dependent chromatin assembly. Specifically, this HAT can acetylate soluble but not nucleosomal histone H4 at lysines 5 and 12, and to a lesser degree, histone H2A at lysine 5. Alternatively spliced transcript variants have been identified for this gene. [provided by RefSeq, Jun 2009]

Locus ID: 8520

MW: 14.1