

Product datasheet for **SC204657**

MNAT1 (NM_002431) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MNAT1 (NM_002431) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MNAT1
Synonyms:	CAP35; MAT1; RNF66; TFB3
ACCN:	NM_002431
Insert Size:	1646 bp



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Insert Sequence: >SC204657 3'UTR clone of NM_002431
The sequence shown below is from the reference sequence of NM_002431. 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
TTCAGTGGGCTTTTCTGGCAGCCAGTTAACCATTTATAAGATTTGGACCTTGAGCTGAACCAGGGAG
CTAGCAAAAGTAAAGCAGACTTATAAAATTATAGCTATGTGCAGCTGCACAACACAGTCCTTCCACTAG
CAGCTGTGTTAAAGTATTTATAAGGAGAAAATTCAGAACTAAGTTGAGTAATATAGGGGATATATATT
TGTGAAAAATAATTTTTACTTATATTTTTAGAGGATTTGACACGATAAGCCTCATCTGATGGAAGAGA
GGAATAAATAATTCACCTATATGTGTTTGGAGTTGTGACAGACTATAAAATCTTTTTAAAAATAAAG
CTATAATTTATTAAGTTCTGTGGTTTTCTCTTATTACAGTGTTTACTTGAACACATTTTAAATAC
CATTTTGATTACAACATTTACTGTTAATATCCAAGTCTATTATTTCTTCTATAAAATGTTCCCTTTT
TCCTAATGTCTTGTAAATACTAGTCCAGACAAGTGGATATATTTCTTTGACCAAGTTATGGCAAGAAA
AACCTGACCCATGATAATGTCATTCCCTCAATACTAAGGACTCAATGCCTGTTTTAAGCAGTGGAAAAT
GAGGCAAACCTTGATCAAGGTGTATAGTTCACGCTGTGAGCCACACTCAGGATAAAAACAAAACCCAG
CATTAACCTGCTTTAGTGACACATTCAAAGAAGTTAATAAAATTTAATACTTAAATGATACCTTTACC
TCCAATGTAAGCTCATTTTATGATGAATCCTTTGGAGACTGGAGAAGGTACATTTAAGTACAGTCCC
TATGTATAAAATGTATACTGATACAGTTTTTTTGTGAAACTTCAAAGGCTTTTATTACCAGGTTTTG
CTTAAAGATTTAGATATGAATAGGATGATATTGCAGCATCTCAACCTTGATGAGTCTGTTACATAGA
GCATTGGATATGGGATAGTTTCTTAAGGAAATTAAGGGATTTCTATCAAATCTCTATTACAACAGA
TGTTAGTTTTATGGGTAGAACTTAGGTGAAACAAGACTTGTGGTTACATTAGGATGGCATCCATCT
GTAACAACCTCCATCTTATTTTACTAAGCAGTTATTAATTAATTTAGCAATACATCTTCATCTTTATTG
TACTTCTATCTTTGTTAAATGAGAAAACCAAGGCATCAAATAATTGAGTAGACAAAGATCATATTACA
AGTTAGTAAAAAGCCAGAATTAGAATGCAGTTTTTTTTTTTCAAAGTCCAGTTCATCTACATTCTACC
AGACTGCATATCCTATTCTGTATCTATTAGGTATTCCTGAACTGAGGATTAGTGTTTTTAAGTACAGT
CTATAAATCTGTTCAAAGAATAGTTAGAACATTGAATGTAGAGTTAAGGCTTTCAGCAGCCAATTGCA
AAAATAAGGAATCCAGTCTTTTGAAGAACTACTGCTTGTCTCATACCTTTTATAAATGATTTT
TAAAAAGAATGAACTAATTAATAAAACATATCAAAGGCTTTTAAGGCTTGTTTGAGCCTGCCTTATTG
TGGAAATTGCATGCACCTGGTTTTGGCAAATAAATCCAAAACCTTTATACATTTGTA
ACGCGTAAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-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_002431.4](#)

Summary: The protein encoded by this gene, along with cyclin H and CDK7, forms the CDK-activating kinase (CAK) enzymatic complex. This complex activates several cyclin-associated kinases and can also associate with TFIIH to activate transcription by RNA polymerase II. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]

Locus ID: 4331

MW: 64.2