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Product datasheet for SC209846

NAT1 (NM_001160174) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NAT1 (NM_001160174) Human 3' UTR Clone
Symbol:	NAT1
Synonyms:	AAC1; MNAT; NAT-1; NATI
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001160174
Insert Size:	799 bp
Insert Sequence:	>SC209846 3'UTR clone of NM_001160174 The sequence shown below is from the reference sequence of NM_001160174. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AAACATGGTGATAGATTTTTTACTATTTAGAATAAGGAGTAAAACAATCTTGTCTATTTGTCATCCAGC TCACCAGTTATCAACTGACGACCTATCATGTATCTTCTGTACCCTTACCTTATTTTGAAGAAAATCCTA GACATCAAATCATTTCACCTATAAAAATGTCATCATATATAATTAAACAGCTTTTTAAAGAAACATAAC CACAAACCTTTTCAAATAATAATAATAATAATAATAAAAAATGTATTTTAAAGATGGCCTGTGGTTATC TTGGAAATTGGTGATTTATGCTAGAAAGCTTTTAATGTTGGTTTATTGTTGAATTCCTAGAAAAGTTTT ATTGGTAGATGAGTAAATAAAATATTGTAAAAAAACTTATTGTCTATAAAGTATATTAAAACATTGTTG GCTAATATAATTTGAAAAAAAGTGGTTTTTTGGAAGACTTAGGATATTATGGTGCTACATAATTTTTCC TCGATGCTCTCTTCCTCTCATCTTTCTTGTCTCTTAAATTACTTTACTTCCTTGCACACTTTGCCATAC AAGAATGAACATGAGCTTTTCTTGTGTAGATCTGAGTTGAAATCCTGTGGACACTGGGCGAATTACTTT TTAGATCTGTAGCTCTGACTCCTCAGGCATAAAATGGGAATAATGCTTTTACAGTTTAGTGGCGGAACT AAACTCCCAAAATTATTTGTTATATGGATCAAGTAATAACGTCAGTAATGTTTTTGGTACAAAGTCATT ATTTAATAAAAGTTATTGTTCCATCTTGCTTGCCCCCCCA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI

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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_001160174.3
Summary:	This gene is one of two arylamine N-acetyltransferase (NAT) genes in the human genome, and is orthologous to the mouse and rat Nat2 genes. The enzyme encoded by this gene catalyzes the transfer of an acetyl group from acetyl-CoA to various arylamine and hydrazine substrates. This enzyme helps metabolize drugs and other xenobiotics, and functions in folate catabolism. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011]
Locus ID:	9
MW:	31.3

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