

Product datasheet for **SC204473**

NAT2 (NM_000015) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NAT2 (NM_000015) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NAT2
Synonyms:	AAC2; NAT-2; PNAT
ACCN:	NM_000015
Insert Size:	372 bp
Insert Sequence:	>SC204473 3'UTR clone of NM_000015 The sequence shown below is from the reference sequence of NM_000015. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AAACCTGGTGATGGATCCCTTACTATTAGATAAAGGAACAAAATAAACCTTGTGTATGTATCACCCA ACTCACTAATTATCAACTTATGTGCTATCAGATACCTCTACCCTCAGTTATTTGAAGAAAATCC TAAACATCAAATACTTTCATCCATAAAAAATGTCAGCATTATTAATAAACAATAACTTTTTAAAGAAC ATAAGGACACATTTTCAATTAATAAAAAATAAGGCATTTAAGGATGGCCTGTGATTATCTTGGGAAG CAGAGTGATTCATGCTAGAAAACATTTAATATTGATTTATTGTTGAATTCATAGTAAATTTTACTGGT AAATGAATAAAGAATATTGTGGAAAA ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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:	<u>NM_000015.3</u>



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Summary: This gene encodes an enzyme that functions to both activate and deactivate arylamine and hydrazine drugs and carcinogens. Polymorphisms in this gene are responsible for the N-acetylation polymorphism in which human populations segregate into rapid, intermediate, and slow acetylator phenotypes. Polymorphisms in this gene are also associated with higher incidences of cancer and drug toxicity. A second polymorphic arylamine N-acetyltransferase gene (NAT1), is located near this gene (NAT2). [provided by RefSeq, Sep 2019]

Locus ID: 10

MW: 14.3