

## Product datasheet for SC319260

### NAT8 (NM\_003960) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** NAT8 (NM\_003960) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** NAT8  
**Synonyms:** ATase2; CCNAT; CML1; GLA; Hcm1; TSC501; TSC510  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC (PS100020)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_003960.3  
 GGGGGAGACGGTATCTCCTGGATGCCAGTGAGCGGCTGAGAGCTGAAGCTCCCTGGACAC  
 TCAAGGCTCTTGTGGTGACAGTCTGACGTAAGGCGTGCAGGGAGCCCTAGCTCTGTCTC  
 CTGGACTTAGAGATTTACAGACACAGAAGTCTGCCATGGCTCCTTGTACATCCGCAAAT  
 ACCAGGAGAGCGACCGCCAGTGGTTGTGGCTTGTCTCTCCCGGGGATGGCCGAGCATG  
 CCCCAGCCACCTTCCGGCAATTGCTGAAGCTGCCTCGAACCCCTACTCTTACTTGGGG  
 GGCCCTCGCCCTACTCTGGTCTCTGGATCCTGGCTTAGCCCTCGTGTTCAGCATCA  
 GCCTCTTCCCTGCCCTGTGGTTCCTTGCCAAAAACCCTGGACGGAGTATGTGGACATGA  
 CATTGTGCACAGACATGTCTGACATTACCAAATCCTACCTGAGTGAGCGTGGCTCCTGCT  
 TCTGGGTGGCTGAGTCTGAAGAGAAGGTGGTGGGCATGGTAGGAGCTCTGCCTGTTGATG  
 ATCCCACCTTGAGGGAGAAGCGTTGCAGCTGTTTCATCTCTTTGTGGACAGTGAGCACC  
 GTGCTCAGGGGATAGCAAAGCCCTGGTCAGGACTGTCCAGTTTGCCCGGGACCAGG  
 GCTACAGTGAAGTTATCCTGGACACCGGCACCATCCAGCTCTCTGCTATGGCCCTTACC  
 AGAGCATGGGCTTCAAGAAGACGGGCCAGTCTTCTTCTGTGTGGGCCAGGCTAGTGG  
 CTCTTCATACAGTTTCATTTACCTACCCTCCCTTCTTAAGGTAGGGAGTCAGTGAT  
 CTCTTTCTGTGTATTGGTCAGAATAGAATCCATTCAGCTGTAGCAGCAAGCAATCCCC  
 AACCTTCTACTGCAATGACCTTTCAATGCAATAAAAGCTTATTGTCCATTCAAAAAAAAA  
 AAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire

**ACCN:** NM\_003960

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



[View online »](#)

<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_003960.3</a> , <a href="#">NP_003951.3</a>
<b>RefSeq Size:</b>	1073 bp
<b>RefSeq ORF:</b>	684 bp
<b>Locus ID:</b>	9027
<b>UniProt ID:</b>	<a href="#">Q9UHE5</a>
<b>Cytogenetics:</b>	2p13.1
<b>Domains:</b>	Acetyltransf
<b>Protein Families:</b>	Transmembrane
<b>Gene Summary:</b>	This gene, isolated using the differential display method to detect tissue-specific genes, is specifically expressed in kidney and liver. The encoded protein shows amino acid sequence similarity to N-acetyltransferases. A similar protein in Xenopus affects cell adhesion and gastrulation movements, and may be localized in the secretory pathway. A highly similar paralog is found in a cluster with this gene. [provided by RefSeq, Sep 2008]