

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; Hcml1; 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
 CCCCAGCCACCTTCCGGCAATTGCTGAAGCTGCCTCGAACCCCTACTACTTACTTGGGG
 GGCCCTCGCCCTACTCCTGGTCTCTGGATCCTGGCTTAGCCCTCGTGTTCAGCATCA
 GCCTCTTCCCTGCCCTGTGGTTCCTTGCCAAAAACCCTGGACGGAGTATGTGGACATGA
 CATTGTGCACAGACATGTCTGACATTACCAAATCCTACCTGAGTGAGCGTGGCTCCTGCT
 TCTGGGTGGCTGAGTCTGAAGAGAAGGTGGTGGGCATGGTAGGAGCTCTGCCTGTTGATG
 ATCCACCTTGAGGGAGAAGCGTTGCAGCTGTTTCATCTCTTTGTGGACAGTGAGCACC
 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).



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OTI Annotation:	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.
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	NM_003960.3 , NP_003951.3
RefSeq Size:	1073 bp
RefSeq ORF:	684 bp
Locus ID:	9027
UniProt ID:	Q9UHE5
Cytogenetics:	2p13.1
Domains:	Acetyltransf
Protein Families:	Transmembrane
Gene Summary:	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]