

## Product datasheet for **SC214686**

### VAT1 (NM\_006373) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	VAT1 (NM_006373) Human 3' UTR Clone
Symbol:	VAT1
Synonyms:	VATI
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_006373
Insert Size:	1484 bp



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**Insert Sequence:** >SC214686 3'UTR clone of NM\_006373  
 The sequence shown below is from the reference sequence of NM\_006373. 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
CTGGTTCAGGGCCAGAGAAGGAGAACAGGGCAAGTGGCTGTGAGACCCTAGAGACCAGCGAAGGGAG
AAGTTGGGAAGCTACGTTCTGTTGGCCACCAGACTTGCAATTCAGCCTCTGTATAATGCTCTGCCCTC
CCTCCCCGAAGGTCTCTGTGGTGATGACCCTCTCCCTGCCCTCCCCGCTTCTGACCTCTGAAGA
GGTTGGGAAGTGACCATTTGGATGTCTGGGCCCTGCCAAGGCGACAGGGAGGGTCAGAGGGAGGCCGGC
TGCTTCTGCCCCACCCTTTCCCGGGCTGCTGTGCTGCTTTTGTGCCAAGGTAGCCAGTCCCCC
TGTTGTGTTCCATGTGCTTTACCTCTGCCTCATCTTTCTCCGTCCTGCCCGCCACCTCCCCAAA
GAATTGAAACGTCAGCTCAGGATATGGGGCCAATCTCTGTGAGTCCAGCATGTACCTGTCTCTCCCTAG
TGTCCTTCAGCCTGGGCTGACCAGTGCCCGCCTCTGGGCTTGACCAGTCCCAATCTCGTCTCTGTGTC
CCCAACTCTTAAGCACAAATTGGGCTTCTTCCATCTCCAGTTTTCTGCCATTCTTAACCAAGGCTGCC
TCTTCCAACAGGGCGGGAATCAGACCTACTCCCTAGGTCACAATCTGGGAAGGATACAGAGCCCCCA
CCCTTCACTGAGTTCTCTGGATTTGTTCTCAGTGCCTTAGCAACGAAAACCTGTGCTTGTGTGTGTG
GCGGCGGGGAGGGAGGATCCTGTTTCCACCTCCTTCTCCTCCCTGTACTCCCCAGTGCCTTCTTGT
TCTGGTGGAGCTGGGGTTTCTCTCCTCCCAGTCCCACAACACTGCCAAAAATCTGTGTATGTGCCATT
GGGTGGGCAGCCCCAAGCCTCCTGGGGAGGCAGGGCAAAAACAGGTGCCCTCATCGTGGTCTGTGCCA
TGTCCTGCTCTATGGTGGTTGAGGAGAAAGCGGGGAAGCTTCCCTCAGCCTTGACAGATATGTGTGGCA
TTTACTAGCCAGAGCTCTGAAAGGCAGTGTCTGTTTTCTTGTACTGGGACCAAAGTAAAAATCCAAG
CACATTCCTTGCAGTTAGGGGAGGCCCTACTGCCTTCTCAAAGCAGAGAGGCAGCTTATCAAACCTCA
GCCAAAACTCTGTTTACATGGGTGGGAGATGGAGCAGGGAAGTACAGAGTGGGATGGTCAGGACCTG
GGCCATTGCAACCAAAATGGGGACTTCTGGGTAGGGAGGTCCTCCCTACTCACTGAGCTAGGATT
AGGGAGGGTTATTGCCCAACCATTTGCAATGGGAGGTGGAGGGACAGGCTCAGCCTCCTATTGTCTAA
ATGAGGCCATAATGTGTGAAGTGCATTCTGCTTTTGTGTACCCACCACCCCATACCACAGCTGCC
TTTGTGTGTTGTGTCAATAAAAAGCCAAACCCTG
ACGCGTAAGCGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**Restriction Sites:** Sgfl-Mlul

**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\\_006373.4](#)

**Summary:** Synaptic vesicles are responsible for regulating the storage and release of neurotransmitters in the nerve terminal. The protein encoded by this gene is an abundant integral membrane protein of cholinergic synaptic vesicles and is thought to be involved in vesicular transport. It belongs to the quinone oxidoreductase subfamily of zinc-containing alcohol dehydrogenase proteins. [provided by RefSeq, Jul 2008]

**Locus ID:** 10493

MW: 52.9