

Product datasheet for **SC204181**

VMAT2 (SLC18A2) (NM_003054) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	VMAT2 (SLC18A2) (NM_003054) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SLC18A2
Synonyms:	PKDYS2; SVAT; SVMT; VAT2; VMAT2
ACCN:	NM_003054
Insert Size:	2000 bp



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Insert Sequence: >SC204181 3'UTR clone of NM_003054
 The sequence shown below is from the reference sequence of NM_003054. 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
GGTGAAGATGAAGAATCTGAAAGTGACTGAGATGAGATCCTCAAAAATCATCAAAGTGTAAATTGTAT
AAAACAGTGTTCAGTGACACAACCTATCCAGAACTGTCTTAGTCATACCATCCATCCCTGGTGAAG
AGTAAAACCAAAGGTTATTATTTCTTTCCATGGTTATGGTCGATTGCCAACAGCCTTATAAAGAAAA
GAAGCTTTTCTAGGGTTTGTATAAATAGTGTTGAAACTTTATTTTATGTATTTAATTTTATTAATAT
CATACAATATATTTTGTGAAATAGGTATTGTGTAATCTATAAATATTTGAATCCAAACCAATATAA
TTTTTAACTTACATTAACAAACATTTGGGCAAAAATCATATTGGTAATGAGTGTAAAATTAAGCA
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ACAGCTAGTTCTCTCAAGTGTAGAGGACAAGAACTTGTGTGAGTTATCTTTTGAATCCATAAATCTTAG
CTGGCATTAGTTTTCTATGTAATCACCTACCTAGAGAGAGTTGTAATTATATGTTAACATGTTATCTG
GTTGGCAGCAAACACTAAAGCCAATAAAGGAAAAACAGTAAATGTTCCGAAAGCAGAGAAAAAGCAACCA
AACATATTGTTATGAACTAAAAGCTTTCCCTTTAAGATGCATACTTGTCTTACTGGATGAAGAAAATTG
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TGAATCATATATTAAGAAGTAAAAATAATAGTGATCAGGCAGAAAAGAAAATGGAACATCTAAAAATG
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TTTTAGTGTAACAGCAAATACTGTTAGTGAACATTGTCAATTTATGTCATTTTGTAAAGAGATATGAC
TGGAGTGTGCAGTGTGGAATGTCTCTAATACTACTTGTGAATCCTGCAGTTCTATAATCATAAACA
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AACAGACTCCTCAATCTGTGACTTTCTATTCTCTAGGAAAGTAACTTCGTTTCATGAAGCTTTTC
TGTGGGGCTTCGATTATTTCAAGTCTGGTTTCTAAGTGCAGTGTGTTGAAGCAAACGAACTTCCA
CACTTATTTGGCATTGGGCAACTGGCCAAGTCTGCCACTTTGGAAGATGGCTCTGGAGGAACTCTCA
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TTGCCTTTACGGCTCTGTGCTTTCTGCAAGAAGGCTGGCAAAGGTATGCCTGCTGTTGGTCCCTCGG
GATAAGATAAAATATAAATAAAACCTTCAGAACTGTTTTGGAGCAAAAAGATAGCTTGTACTTGGGGAAA
AAAATTCTAAGTCTTTTATATGACTAATTTCTGGTTAGCAAGACTGGAAAGAGGTGTTTTTTAA
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-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: [NM_003054.6](#)

Summary: This gene encodes an transmembrane protein that functions as an ATP-dependent transporter of monoamines, such as dopamine, norepinephrine, serotonin, and histamine. This protein transports amine neurotransmitters into synaptic vesicles. Polymorphisms in this gene may be associated with schizophrenia, bipolar disorder, and other neurological/psychiatric ailments. [provided by RefSeq, Jun 2018]

Locus ID: 6571

MW: 77