

Product datasheet for **SC212720**

VGLuT1 (SLC17A7) (NM_020309) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: VGLuT1 (SLC17A7) (NM_020309) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: SLC17A7
Synonyms: BNPI; VGLUT1
ACCN: NM_020309
Insert Size: 1148 bp
Insert Sequence: >SC212720 3'UTR clone of NM_020309
 The sequence shown below is from the reference sequence of NM_020309. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
AGGCCCCACCCCTGTCCGGGACTACTGACCATGTGCCTCCCACTGAATGGCAGTTTCCAGGACCTCC
ATCCACTCATCTCTGGCCTGAGTGACAGTGTCAAGGAACCTGCTCCTCTGTCTGCCTCAGGCCT
AAGAAGCACTCTCCCTTGTCCAGTGCTGCAATCCTCTTCCCTTCCCAATTGCCTCTCAGGGGTAG
TGAAGCTGCAGACTGACAGTTTCAAGGATACCCAAATCCCTAAAGTTCCCTCTCCACCCGTTTCTGC
CTCAGTGGTTTCAAATCTCTCCTTTCCAGGGCTTTATTTGAATGGACAGTTCGACCTTTACTCTCTCTT
GTGTTTTGAGGCACCCACACCCCGCTTTCTTTATCTCCAGGGACTCTCAGGCTAACCTTTGAGAT
CACTCAGTCCCATCTCCTTTAGAAAAATTCAAGTCCCTCTCTAGAAAGTTTCAAATCTCTCCCAACT
CTGTTCTGCATCTTCCAGATTGGTTTAACCAATTACTCGTCCCGCCATTCCAGGGATTGATTCTCACC
AGCGTTTCTGATGAAAAATGGCGGTTTCAAGTCCCGATTCCGTGCCACTTCACATCTCCCTACCAG
CAGATTCTGCGAAAGCACAAATTTCTCAAGACCTCTTCTCCCTAGCTTAGCATAATGTCTGGGAAA
CAACCAAATCGCAATTTAACAATATGCCTCTTACCCCGTGCACTTTTTCTGACATGGTTTTAGG
TCTAAATAGTGGCTGCTCCAGTCCATGAACTCAAAGGTTTGAAGTACCACCATGAACTCCCCATGG
TGGTTTCATGATGCCCCCTCCCAATTCCTCGCACTTTATTCTCTGGTGGTTTGAAGTACCCTGTT
TCTCAGTGGCCATTTGTTGTGTCCTCAGGGGCTTAATGACTCAAATCTGGGATCCTTCCCTCTCAG
ACACCCCTCTTTCAGCTTAGAATTTGGGAACTATAGAGAAGTACAGAATCCCATGAAAGGGAATGG
GGCAGGAGCCAGGGGTGTTTTTCCAGTGCAGGGTGTGTCTTTGTGTCTGTCTGTGACTGTAA
ATCCTGCCCTGCCCACTCCCAATAAAAGCTTTGGTGTATAGGC
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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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_020309.4
Summary:	The protein encoded by this gene is a vesicle-bound, sodium-dependent phosphate transporter that is specifically expressed in the neuron-rich regions of the brain. It is preferentially associated with the membranes of synaptic vesicles and functions in glutamate transport. The protein shares 82% identity with the differentiation-associated Na-dependent inorganic phosphate cotransporter and they appear to form a distinct class within the Na ⁺ /Pi cotransporter family. [provided by RefSeq, Jul 2008]
Locus ID:	57030
MW:	42.9