

## Product datasheet for **SC216408**

### VGLUT2 (SLC17A6) (NM\_020346) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	VGLUT2 (SLC17A6) (NM_020346) Human 3' UTR Clone
Symbol:	VGLUT2
Synonyms:	DNPI; VGLUT2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_020346
Insert Size:	1793 bp



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**Insert Sequence:** >SC216408 3'UTR clone of NM\_020346  
 The sequence shown below is from the reference sequence of NM\_020346. 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
AGCTATAAGGACCGAGTTGATTATTCATAACAAAACCTAATTACTGGATTTATTTTTAGTGTTGTGATT
AAATTCATTGTGATTGCACAAAAATTTAAAAACACGTGATGAACTTGCAAGCATATCAACCAGGCA
AGTCTTGCTGTAAAAATGAAAAACAAAACAAACCCATGAGGTTACCATCAAGTGAATCTGTAAAATTGT
GAAGTTCATCATTTCCATTCAAGTCATCCATTCTTGCAATTTGTGACTTAAAGGTTGACTGGTCAAAAT
TGTAGAAAACAAGTAGTTACCCATTGGATTCATATGAGCTAAAACCTCATCACTATTTACTAAAGCACAAC
ATCTCATCTACAAAAGTTAAGAAGCCAAAGCTACTTGATCATGCAAAATGCACTTATATATTTGTTAC
ACTGTATTGCAAGATAGCACACAGAAGTTGGCTGCGTCAAGTAGAGGCGACATTTATTAAGTGAAAAATC
ATGGAGTTGGGATATCTCTCAATTAAGAAATACATTGTGAACTATCAGCTACAAAGTTGTACTGAATA
ACTATTAGAATTGCATAATGTGAGATATTTTGTAGTCCTCAAAAAGGAATATCTTGCAAGTGTCTTCTAT
GAAATGCTTGGGCACAAACACTTATTTCTGTGAAAGAGAACATGTAAGTTGAGGGGTATGCTTCATGTT
CTTCCATCCATTTACCTAATAGTATGAAACAGTTCACATTTCAATAAAATCAAACTTTTCATGTAGCGT
ATCACATAACTTTTTGCAAAAAATATAAAAAGAAATAAACTTCAATGTATTTTTTATTACAACCTTGT
ACTGGTTGTAACCTTGCAATAGAAAAAAGAGATATACACCACAAAGAATCTAATAAGAAATTTATT
ATGGAGATATAGCCCTTAAAAATGCAATATTAAGAACAAAGAAATAGAAAAATGGTTTAGATATCTTCTT
CCTTCATAATTAATACTATATGAACTTGTGCCACAGAGCTATATAATATGAAAAGATTAACCTCA
TAGAGATATTGTAAGTAGTAATTTTATTTAAAGTCTTAAAGAAATATTTGTCTTAAATATATA
GGACAATACATTATATAAATGGTCTCTCTCTATATATATCTGTATATCTTATACATGTCATACACA
GAAACATAATAACAATCTTACACGAAACCAAAAATAGCATACACCTAATGTTGGGTTAGGGAATTGC
AATTTCTACTTTCATAGAGTCATAGAATTTTAGGTGGGGAAGAGGCATTTTGCTTGTCATTTCTTAATA
TAACTCAACAAGAATTGCAACATTTGTGTACCAAGCAATAAGTGAATGCATAAAATTTCTGTCTGTGA
TATTACCTTCATTTGCTTGTAGTAGCTGTTGGGTGGTGAATAATTTTATTTTTCTTTAAAAAAG
CTAACATCAGACCCCTTATAATGTCCTAAAATATGATAATACATTTCCAATTCAACTCAAAATATT
ATTGGTGTATTTGTCTATTCTGGATATTTGATCTGTTCAATGTACTGTGCTAGTGACTGGAGGCCCTG
CTACTGCAATATAAAACATAAAGTTTGTAAAAAATGCAAAATCATTCTTTACCTTAAGAAAAAATA
AATACCCTTTGCTTTGTGCCTCAAAGTGATGTAATGTGATCACAGCTTTTGTGTGTGAATGAAAAATA
TGTGGACTGTCATTTTGTGACGCAAAAAAGTGTAAATAAAATGCTCTATTTATCCTTTTTTAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACC GCCCTTCTATGAAAGG
  
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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\\_020346.3](#)

**Summary:** Mediates the uptake of glutamate into synaptic vesicles at presynaptic nerve terminals of excitatory neural cells. May also mediate the transport of inorganic phosphate.  
 [UniProtKB/Swiss-Prot Function]

Locus ID: 57084

MW: 69.5