

Product datasheet for **SC322680**

SLC32A1 (NM_080552) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC32A1 (NM_080552) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC32A1
Synonyms:	VGAT; VIAAT
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322680
 GCCCTGAGAGAGCCTCGAACGCCAGCTGCGAGGGTTCATGAGCCAGAGAGCCCCGGGGCGC
 CGCGCGGAGAGCAAGCGGAGATAGCGACTTTGCGCCCCCAGCCCTCGCCTTCTTGCATC
 GCGTTCCCGCATCCTCGGGTCTTCTGTCTTTCCGCTGTCCCACCGCCGATGGCC
 ACCTTGCTCCGCAGCAAGCTGTCCAACGTGGCCACGTCCGTGTCCAACAAGTCCCAGGCC
 AAGATGAGCGGCATGTTCCGACAGGATGGGTTTTTCAGGCGGCCACGGATGAGGAGGCGTG
 GGCTTCGCGCATTGCGACGACCTCGACTTTGAGCACCGCCAGGGCCTGCAGATGGACATC
 CTGAAAGCCGAGGGAGAGCCCTGCGGGGACGAGGCGCTGAAGCGCCCGTTCGAGGGAGAC
 ATCCATTATCAGCGAGGACGCGGAGCTCCTCTGCCGCCCTCCGGTCCAAGGACCAGGTG
 GGAGGTGGTGGCAATTCGGGGGCCACGACAAGCCAAAATCACGGCGTGGGAGGACAGGC
 TGGAACTGACCAACGCCATCCAGGGCATGTTCTGTGCTGGGCCTACCCTACGCCATCCTG
 CACGGCGGCTACCTGGGTTGTTTCTCATCATCTTCGCCCGCTTGTGTGCTGCTACACC
 GGCAAGATCCTCATCGCGTGCCTGTACGAGGAGAATGAAGACGGCGAGGTGGTGCAGGTC
 CGGGACTCGTACGTGGCCATAGCCAACGCCTGCTGCGCCCCGCGTTCCTAACGCTGGGC
 GGCCGAGTGGTGAACGTAGCGCAGATCATCGAGCTGGTGTGACGTGCATCCTGTACGTG
 GTGGTGTGGAACCTCATGTACAACAGCTTCCCGGGGCTGCCCGTGTGCGAGAAGTCC
 TGGTCCATTATCGCCACGGCCGTGCTGCTGCTTGCCTTCCCTAAGAACCCTAAGGCC
 GTGTCAAAGTTCAGTCTGCTGTGCACTCTGGCCACTTCGTATCAATATCCTGGTCATA
 GCCTACTGTCTATCGCGGGCGCGGACTGGGCCTGGGAGAAGGTCAAGTCTACATCGAC
 GTCAAGAAGTTCCTCATCCTATTGGCATCATCGTGTTCAGCTACACGTCTCAGATCTTC
 CTGCCTTCGCTGGAGGGCAATATGCAGCAGCCCAGCGAGTTCCTGCTGATGAACTGG
 ACGCACATCGCAGCCTGCGTGTCAAGGGCCTCTTCGCGCTCGTGCCTACCTCACCTGG
 GCCGACGAGCAAGGAGGTTCATCACGGATAACCTGCCCGGCTCCATCCGCGCGTGGT
 AACATCTTTCTGTTGGCCAAGGCGCTGTTGTCTATCCTCTGCCATTCTTTGCCGCTGTC
 GAGGTGCTGGAGAAGTGCCTCTTCCAGGAAGGCAGCCGCGCTTTTTCCCGCCTGCTAC
 AGCGGCGACGGGCGCCTGAAGTCTGGGGGCTGACGCTGCGCTGCGCGCTCGTCTCTTC
 ACGCTGCTCATGGCCATTTATGTGCCGACTTCGCGCTGCTCATGGGCCTCACCGGCAGC
 CTCACGGGCGCCGCTCTGTTTCTTGTGCCAGCCTTTTACCTGCGCTGCTCTGG
 CGCAAGCTGCTGTGGACCAAGTCTTCTCGACGTGCCATCTTCTGTCATCGGCGGCATC
 TGCAGCGTGTCCGGCTTCGTGCACTCCCTCGAGGGCCTCATCGAAGCCTACCGAACCAAC
 GCGGAGGACTAGGGCGCAAGGGCGAGCCCCCGCCGCGCTTCTGCGCTCTCTCCCTTCTCC
 CCTCACCCCGCCCCACAGCCAGTGCGCCCTGCCGCCGCGCTTGGGAGGCAAGCTTT
 AAACATCTCTGGTTCCTAGTTTCTGATTATTCGGGGATGGGGGGATGGGAGGGGACAGG
 GATTACGATCCATCGCGTCTGCGTTTCTGTTGTCTTTCTTTCCACAACACCCTGGTT
 TTGGGGGAGGGGGGTGCATTTGCGGGCAGGGTCTCTGTCTTCCAAGTGGGGCCCCG
 ACATTTGGTTCAGTTCATCGAGGGGTTGGGAAGGGAGGGAGAGGGGGCGCAGCTCGCA
 GGCGTGGCAACTTGACCTTGGGGGAATATTTACATCCATCCAGAGCTCGGAATCTACAG
 CGTCCAGCCATTTCCAGCAAGAGCGCTTCCATTCCGGAGACGTTCAACCCTGCAGCGG
 GAAAGGCTGACTGGGAAATCCATTTTGGGTGGGCAATTTCTTCAACGAAGCCGGAAGGC
 GAGAAGCCGCGGGGGCCAGCTTGCCTGCCGGTTTTTCAGGAATCTAAACTCTCATCTTG
 TGCAATTTATCAGGTGTGGAAGTCTTACTGTGCGTGTGGTGTGCTCGTGGTGAATAAG
 ATGAAATGTATATCAGAAAAAATCTATCTCTAATTTAGAGTGCAGTACATAATTATATC
 CGCAAATAAAGAAGAGACAAAGGCTAAAAAAGAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_080552

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).

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_080552.2 , NP_542119.1
RefSeq Size:	2581 bp
RefSeq ORF:	1578 bp
Locus ID:	140679
UniProt ID:	Q9H598
Cytogenetics:	20q11.23
Protein Families:	Transmembrane
Gene Summary:	The protein encoded by this gene is an integral membrane protein involved in gamma-aminobutyric acid (GABA) and glycine uptake into synaptic vesicles. The encoded protein is a member of amino acid/polyamine transporter family II. [provided by RefSeq, Jul 2008]