

## Product datasheet for **SC304440**

### SLC6A13 (NM\_016615) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SLC6A13 (NM_016615) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC6A13
Synonyms:	GAT-2; GAT2; GAT3
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >OriGene sequence for NM\_016615 edited  
 AGATAATTCTTCTCCCCTGACTGGACCTCTGGCAGCAGCTTCACTAAGGTGGGATGGATA  
 GCAGGGTCTCAGGCACAACCAAGTAAATGGAGAGACAAAACCAAGTGTATCCAGTCATGGAAA  
 AGAAGGAGGAAGATGGCACCCCTGGAGCGGGGGCACTGGAACAACAAGATGGAGTTTGTGC  
 TGTCAAGTGGTGGGGAGATCATTGGCTTAGGCAACGTCTGGAGGTTTCCCTATCTCTGCT  
 ACAAAAATGGGGAGGTGCCTTCTCATCCCCTACCTCGTCTTCTCTTTACCTGTGGCA  
 TTCTGTCTTCTTCTGGAGACAGCACTAGGCCAGTACACTAGCCAGGGAGGCGTCACAG  
 CCTGGAGGAAGATCTGCCCATCTTTGAGGGCATTGGCTATGCCTCCAGATGATCGTCA  
 TCCTCCTCAACGTCTACTACATCATTGTGTTGGCTGGGCCCTGTTCTACCTCTTCAGCA  
 GCTTACCATCGACCTGCCCTGGGGCGGCTGCTACCATGAGTGGAAACACAGAACACTGTA  
 TGGAGTTCCAGAAGACCAACGGCTCCCTGAATGGTACCTCTGAGAATGCCACCTCTCCTG  
 TCATCGAGTTCTGGGAGCGGGGTCTTGAAGATCTCTGATGGGATCCAGCACCTGGGGG  
 CCCTGCGTGGGAGCTGGCTCTGTGCCTCTGCTGGCCTGGGTACCTGCTACTTCTGCA  
 TCTGGAAGGGGTGAAGTCCACAGGCAAGGTGGTGTACTTCACGGCCACATTTCTTACC  
 TCATGCTGGTGGTCTGTTAATTCGAGGGGTGACGTTGCCTGGGGCAGCCCAAGGAATTC  
 AGTTTTACCTGTACCCAAACCTCACGCGTCTGTGGGATCCCCAGGTGTGGATGGATGCAG  
 GCACCCAGATATTCTTCTCCTTCGCCATCTGTCTTGGGTGCCTGACAGCCCTGGGCAGCT  
 ACAACAAGTACCACAACAACCTGCTACAGGGACTGCATCGCCCTCTGCTTCTCAACAGCG  
 GCACCAGCTTTGTGGCCGGCTTTGCCATCTTCTCCATCCTGGGCTTCATGTCTCAGGAGC  
 AGGGGGTGCCATTTCTGAGGTGGCCGAGTCAGGCCCTGGCCTGGCTTTCATCGCTTACC  
 CGCGGGCTGTGGTGTGCTGCCCTTCTCCTCTCTGGCCTGCTGTTTCTTCTTCTCATGG  
 TCGTTCTCCTGGGACTGGATAGCCAGTTTGTGTGTGTAGAAAGCCTGGTGACAGCGCTGG  
 TGGACATGTACCCTCACGTGTTCCGCAAGAAGAACCAGGGAAGTCTCATCCTTGGAG  
 TATCTGTCTCCTTCTTCTTGTGGGGCTGATCATGCTCACAGAGGGCGGAATGTACGTGT  
 TCCAGCTCTTTGACTACTATGCGGCCAGTGGCATGTGCCTCCTGTTCTGTGGCCATCTTCG  
 AGTCCCTCTGTGTGGCTTGGGTTTACGGAGCCAAGCGCTTCTACGACAACATCGAAGACA  
 TGATTGGGTACAGGCCATGGCCTCTTATCAAATACTGTTGGCTTCTCCTCACACCAGCTG  
 TGTGCACAGCCACCTTTCTTCTCCTGATAAAGTACACTCCGCTGACCTACAACAAGA  
 AGTACACGTACCCGTGGTGGGGCGATGCCCTGGGCTGGCTCCTGGCTCTGTCTCCATGG  
 TCTGCATTCTGCCTGGAGCCTCTACAGACTCGGAACCCTCAAGGGCCCCCTCAGAGAGA  
 GAATCCGTGAGTGTGCCCAGCCGAGGACTTGCCCCAGCGGAACCCAGCAGGACCCT  
 CGGCTCCCGCCACCCCAAGGACCTCACTGCTCAGACTCACAGAGCTAGAGTCTCACTGCT  
 AGGGGGCAGGCCCTTGGATGGTGCCTGTGTGCCTGGCCTTGGGGATGGCTGTGGAGGGAA  
 CGTGGCGGAAGCAGCCCCATGTGCTTCCCTGCCCCGACCTGGAGTGGATAAGACAAGAG  
 GGGTATTTTGGAGTCCACCTGCTGAGCTGGAGGCTCCCACTGCAACTTTTTCAGCTCAGG  
 GGTGTTGAACAGATGTGAAAGGCCAGTGCCAAGAGTGTCCCTCTGAGACCCTTGGGAAG  
 CTGGGTGGGGGCTGGTAGGTGGGGCGAGACTTGTGGCTTCGGGCCCTCTCATCCTTCAT  
 TCCATTAATCCACATTTCTCCCGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** NotI-NotI

**ACCN:** NM\_016615

**Insert Size:** 2300 bp

**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:** The ORF of this clone has been fully sequenced and found to be a perfect match to NM\_016615.2.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_016615.2</a></u> , <u><a href="#">NP_057699.2</a></u>
<b>RefSeq Size:</b>	2215 bp
<b>RefSeq ORF:</b>	1809 bp
<b>Locus ID:</b>	6540
<b>UniProt ID:</b>	<u><a href="#">Q9NSD5</a></u>
<b>Cytogenetics:</b>	12p13.33
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Gene Summary:</b>	<p>Sodium-dependent GABA and taurine transporter. In presynaptic terminals, regulates GABA signaling termination through GABA uptake. May also be involved in beta-alanine transport. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>