

Product datasheet for **SC330119**

SLC6A13 (NM_001243392) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: SLC6A13 (NM_001243392) Human Untagged Clone
Tag: Tag Free
Symbol: SLC6A13
Synonyms: GAT-2; GAT2; GAT3
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330119 representing NM_001243392.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGATAGCAGGGTCTCAGGCACAACAGTAATGGAGAGACAAAACAGTGTATCCAGTCATGGAAAAG
AAGGAGGAAGATGGCACCTGGAGCGGGGGCACTGGAACAACAAGATGGAGTTTGTGCTGTCAGTGGCT
GGGGAGATCATTGGCTTAGGCAACGTCTGGAGTTTCCCTATCTGCTACAAAATGGGGAGGTGAG
ATGAGAGCCCTTGTGCCACCCACCCACTCCTGGAAGGAGGATACTTCCATCTCTGCACCTACGGCCC
CTCTGGGGAGTCCCATAG
```

Restriction Sites: SgfI-MluI
ACCN: NM_001243392
Insert Size: 294 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).
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:

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_001243392.1](#)



RefSeq Size:	1177 bp
RefSeq ORF:	294 bp
Locus ID:	6540
UniProt ID:	Q9NSD5
Cytogenetics:	12p13.33
Protein Families:	Druggable Genome, Transmembrane
MW:	10.9 kDa
Gene Summary:	<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 (3) lacks a splice site and a large portion of the coding region, compared to variant 1. The encoded isoform (3) is significantly shorter and has a distinct C-terminus, compared to isoform 1.</p>