

## Product datasheet for **SC209088**

### Synaptogyrin 1 (SYNGR1) (NM\_145731) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Synaptogyrin 1 (SYNGR1) (NM\_145731) Human 3' UTR Clone  
**Symbol:** Synaptogyrin 1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pMirTarget (PS100062)  
**ACCN:** NM\_145731  
**Insert Size:** 721 bp  
**Insert Sequence:** >SC209088 3'UTR clone of NM\_145731  
 The sequence shown below is from the reference sequence of NM\_145731. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACACTGTTCCCTGCCTCGGCACAGCCGTAGGCCTCCCCGGCTTGCAGAGGCCGGCAGCCCTGTATCACC
CCTGGCAGTGAGGTGGCAGGAGCAGCCTAGTGCCAGAAATGTCCAAGATGCCAGGGCATGCAGGGCAGT
GGAAGGCTGGCTTGAGGAACCAATTCAGGTTCTCCACTGACTCATTATTCCCTTACCAGCCCTCCTTCAT
TGATTCATGCGTTCATTTCAGTAAACATTTATTGAGCAGCTGTTTTGTGCCTAGTGATGAATT
AGGTGGGTCCTTGGCTCCAGGAGCCACAGGCTGGGGAGGAGAAAACAACACATCAATATCTCTTCC
AAATGGACAGCCGTGGACAGTTACCAGGTAGGTAGCGGCCCATACATGGGCTGCCTAGAGGCGTTCAT
GGTCCCCATTGCTGAGCTGTGGGTGCAGAGCAATAGCCTCTCCCTTACAGCGGTGTGAAGAGTGACCT
CACTGTCCTTAGGGTTAGCATCCTGGCCGAGGATGTCACAGGGCTCCTGGTCTGGCTCTGCTCCTCATGT
GCTATGTGACCCTGACAAACCCGTGCACCTCTCTCAGCCTCAGTCCACTTACCTGAACTGAGGGGTGAT
AATGGACCAACCTCTCAAGGCTGTTGTGCCAATGAAACAAAGGCCAGCCAGGGCTTAGCACAAGCATG
CTCAATAAATGTAAGCTCTTTTGTTCATTCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-Mlul  
**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).



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<b>Components:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_145731.4</a></u>
<b>Summary:</b>	This gene encodes an integral membrane protein associated with presynaptic vesicles in neuronal cells. The exact function of this protein is unclear, but studies of a similar murine protein suggest that it functions in synaptic plasticity without being required for synaptic transmission. The gene product belongs to the synaptogyrin gene family. Three alternatively spliced variants encoding three different isoforms have been identified. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	9145
<b>MW:</b>	25.7