

Product datasheet for **SC303985**

Synaptogyrin 4 (SYNGR4) (NM_012451) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Synaptogyrin 4 (SYNGR4) (NM_012451) Human Untagged Clone
Tag:	Tag Free
Symbol:	Synaptogyrin 4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC303985 representing NM_012451. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGCACATCCCCAAAAGCCTCCAGGAGCTGGCCAAACAGCGAAGCCGTGCAGTTTCTGAGAAGGCCCAAG
 ACCATCACGCGGGTCTTCGAAGGGTCTTCTCCCTGATCGTCTTCTCCTCCCTGCTGACCGACGGCTAC
 CAGAACAAGATGGAGTCTCCGACGCTCCACTGCATTCTCAACAGCAACAGCGTGGCCTGCAGCTTTGCC
 GTGGGAGCCGGCTTCTGGCCTTCTCAGCTGCCTGGCCTTCTCGTCTGGACACAGGAGACCCGC
 ATTGCCGGCACCCGCTTCAAGACAGCCTTCCAGCTCCTGGACTTCATCCTGGCTGTTCTCTGGGCAGTT
 GTCTGGTTCATGGGTTTCTGCTTCTGGCCAACCAATGGCAGCATTGCGCGCCCAAGAGTTCCTCCTG
 GGGAGCAGCAGTGGCCAGGCAGCCATCGCCTTCACTTCTTCTCCATCCTTGTCTGGATATTCCAGGCC
 TACCTGGCATTCCAGGACCTCCGAAATGATGCTCCAGTCCCTTACAAGCGCTTCTGGATGAGGGTGGC
 ATGGTGTGACCACCCTCCCCTTGGCCTCTGCCAACAGCCCTGTGAACATGCCACCACTGGCCCCAAC
 AGCCTGAGTTATGCTAGCTCTGCCCTGTCCCCTGTCTGACCGCTCCAAAGTCCCCCGGCTTGCTATG
 ATGCCTGACAAC**TAA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_012451
Insert Size:	705 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).


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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:	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_012451.3
RefSeq Size:	1029 bp
RefSeq ORF:	705 bp
Locus ID:	23546
UniProt ID:	O95473
Cytogenetics:	19q13.33
Protein Families:	Transmembrane
MW:	25.8 kDa
Gene Summary:	This gene encodes an integral membrane protein. The gene belongs to the synaptogyrin gene family. Like other members of the family the protein contains four transmembrane regions. The exact function of this protein is unclear. [provided by RefSeq, Jul 2008]