

## Product datasheet for **RN214386**

### Synpr (NM\_023974) Rat Untagged Clone

#### Product data:

|                           |                                                                                 |
|---------------------------|---------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                             |
| Product Name:             | Synpr (NM_023974) Rat Untagged Clone                                            |
| Tag:                      | Tag Free                                                                        |
| Symbol:                   | Synpr                                                                           |
| Mammalian Cell Selection: | Neomycin                                                                        |
| Vector:                   | pCMV6-Entry (PS100001)                                                          |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                                            |
| Fully Sequenced ORF:      | >RN214386 representing NM_023974<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTGTATGGTGATATTTGCTCCGCTTTTTGCAATCTTTGCATTGCAACATGTGGCGGCTATCCGGAG  
GCCTGCGGCTGAGCGTGGACTGCGTCAACAAGACAGAAAGTAACCTCAGCATAGACATAGCCTTTGCATA  
TCCATTGAGGCTGCACCGAGTGACCTTTGAAGTGCCACGTGTGAGGGAAAGGAACGGCAGAAGCTGGCG  
CTGGTTGGAGACTCCTCATCCTCAGCAGAATCTTTGTCACCGTGGCTGTGTTGCGCTTTCTCTACTCCC  
TGGCTGCCACTGTCGTGTATATTTCTCCAGAACAAAGTACCGCGAAAACAACCGGGGCCCACTCATTGA  
CTTTATCGTCACTGTAGTCTTTTCATTCTTGTGGCTGGTGGGTTCTGCTCGCTGGGCAAAAGGACTGTCT  
GATGTCAAAGTGGAACAGATCCCAAAGAAGTCCTGTTGCTGATGTGAGCTTGAAGCAGCCTTCCAACA  
AGTGCATGGCTGTCCATAGCCCTGTGATGTCCAGCTTAAATACATCTGTGGTCTTCGGGTTTTGAACTT  
TATCCTCTGGGCTGGAACATTTGGTTTGTTCAGGAGACTGGCTGGCATTCTCGGGACAGAGATAC  
CTTCCGACCCCATGGAGAAGCACTCCAGCAGCTACAATCAAGGCGGCTACAACCAAGACAGTTATGGGT  
CAAGTGGTGGGTACAGTCAGCAGGCGAGTCTGGGGCCAACTTCTGATGAGTTGGCCAACAGCCTAGTGG  
TCCCACTTCCTTAACAATCAAAT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

|                    |           |
|--------------------|-----------|
| Restriction Sites: | SgfI-MluI |
| ACCN:              | NM_023974 |
| Insert Size:       | 798 bp    |



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|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>OTI Disclaimer:</b>        | 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).                                                                                                                                                                          |
| <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_023974.1</a></u> , <u><a href="#">NP_076464.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq Size:</b>           | 1586 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 798 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Locus ID:</b>              | 66030                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID:</b>            | <u><a href="#">P22831</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>          | 15p16-p15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Gene Summary:</b>          | synaptic vesicle membrane protein; member of the synaptophysin family [RGD, Feb 2006]                                                                                                                                                                                                                                                                                                                                                                                                                                   |