

Product datasheet for **RN215199**

Sp2 (NM_001107045) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sp2 (NM_001107045) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sp2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN215199 representing NM_001107045 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACGCTCACCTGCCACTCAACAACCTGGTGAACACCAGCGATATTGGGGCCCTGCTCAGCTCCTCA
CTGAGAGCCCCCGACCCCACTGTCTAAGACTAACAAAAAGCTAGGAAGAAGAGCCTTCTGTGTCCACA
GCCCTCAGTAGCTGTGGCTGAACAGGTGGAGACGGTACTGATCGAGACCACAGCAGAGAATCATCCAG
GCAGGAAACAACCTGCTGATCGTCCAGAGCCCTGGTGGGGCCAGCCCGCTGTGGTCCAGCAAGTCCAGG
TGGTGCCACCCAAGGCCGAGCAGCAACAGGTGGTCCAGATCCCCCAGCAGGCACTGCGGGTGGTGCAGG
TGCTCTGCCACCCTCCCACCGTTCCCAGAAGCCCTCCAGAACTTTCAGATCCAGACAACCTGAACCA
ACACCAACCCAGGTTTATATCCGTACACCTTCTGGTGAGGTACAGACGGTCCCTTGTCCAGGACAGCCCC
CAGCAACAGCTGCAACCACGTCAACCGTCTCCTGTAGCAGCCCGGCGCTCCGAGCTCCCCATCTGAGTGG
CTCCAGCAAAAAGCATTCCGGCTGCAATTCTCCGAAAAGAGCGACCCCTGCCAAAGATTGCACCTGCTGGG
AGCATCATCAGCCTGAACGCTGCACAGCTGGCAGCAGCTGCTCAGGCCATGCAGACCATCAACATCAATG
GTGTCCAAGTCCAGGGTGTCCCTGTCCACCATCACCAACTGGCGGACAGCAACAGCTGACAGTGCAGAA
TGTTTCTGAAAACAACCTGACCATCAGTGGGCTGAGCCCCACCCAGATCCAGCTGCAGATGGAGCAGGCC
CTGGCCGGAGAGGCCAGCCTGGGGAGAAACGGCGGCATGGCCTGCACATGTCCCAACTGCAAGGACG
GGGAGAAGAGGTCTGGGAGCAGGGCAAGAAGAAGCATGTGTGTACATCCCGGACTGTGGAAAGACTTT
CCGGAAGACGTCCTTGCTTCGGGCCATGTCCGCTGCACACTGGCGAGCGACCCCTTGTCTGCAACTGG
TTCTTCTGTGAAAGAGGTTACACCGGAGTGACGAACTCCAGCGCATGCTCGCACACACAGGGGACA
AGCGCTTTGAGTGTGCCAATGTCAGAAGCGCTTCATGAGGAGTGACCACCTACCAAGCATTACAAGAC
CCACCTAGGCACGAAGGGCTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



ACCN:	NM_001107045
Insert Size:	1215 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:	<ol style="list-style-type: none">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:	<u>NM_001107045.1</u> , <u>NP_001100515.1</u>
RefSeq Size:	2353 bp
RefSeq ORF:	1215 bp
Locus ID:	303499
Cytogenetics:	10q31
Gene Summary:	putative transcription factor that may play a role in activation of P450scc expression in the nervous system during embryonic development [RGD, Feb 2006]