

## Product datasheet for **SC105906**

### PPP1R9B (AL157449) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	PPP1R9B (AL157449) Human Untagged Clone
Tag:	Tag Free
Symbol:	PPP1R9B
Synonyms:	PPP1R6; PPP1R9; SPINO; Spn
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for AL157449, the custom clone sequence may differ by one or more nucleotides

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GGGATAGAGTCCACCCCAGAGCCCGAGGCTGGGCCTGGCCCTGGCCCTGCACTGATTTCTCATGTGTCC
TTCGGGAAAAGGGGAGTGAGAGTGGGAAAAGGGAGAGTTCAGGACACCTGGTCCCAGCTCCCCATTG
CCTGGGGCAGCAGCCCTCAATTTCTCCTGTGCCTCCCCTCTCCAGGTGCCAAATAGCCATAACCTCGT
CTTGAACTGTTATGTGGCCTCTCTGGGGTCCAGGTTTCTGGTCAAGCCTGGGAATGCCAGGGAGGAAA
GGGGGTCTGGCTACAGCGACCCTGGTCTTAGGCAAGGGGAACATTTCTCCCTGGAGAGTCAGGTCCTATC
CTGTGCTGCCCTGTCTGCCAGCCAGGGCGATGCTGGAAGCCTACTGACATTGCAGGGAGTCAGCTCG
CCCCACCCCTACTGGTTTTCCAATGTTTTGACTGGAGGGCAAATTTTACTACTCATCTTTTTGG
AGACCAGGGCTGCCCTGCTGGCAGCCTGCCTTCTAAGTAAATCGACTCTGTTTCCCACCTTAACCCCA
AATTGGGGCTTGACCAAGGGAGGTGAGACCACCTCCCCAGGTCCCCTCCCCTTCAAATCCATCTCA
TTTTGCCACTTCATGCCCTGCCCTAAGTGGTTTTTGTTCATTTTTTAAAAACAGACCACCCATCCCAT
CCGTTTTGGCTTCTGTCCCCTGTAATAGACCATGACTTCGATCAGTATTTCTGTCCCCACCCCTTCC
TATCCCCAGATGTGCCCCATCCCCTGAAGGAGCTGGCTGTCTCAGTCTGGGCTCGCGCACTTACCCC
GGCAGATGGAGGGGGCGGAACCGGTGGCGGGGGCCGCTTCGGGTGCTTGGGCCAGCGGCCACCCCTGC
CCAGCCGTGGGAGGGCCGCATCTGTATATAATATATATATGTATGTATTGTTCCCGTTTTGTACGG
ACCATGCCCTCTGTCAGGTCGTCCCATAAAAGCAGCCCCAGAAAAA
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for AL157449 unedited CACGAGGGCCATAACCTCGTCTTGGAACTGTTATGTGGCCTCTCTGGGGTCCAGGTTTCC TGGTCAAGCCTGGGAATGCCAGGGAGGAAAGGGGGTCTGGCTACAGCGACCCTGGTCTTA GGCAAGGGGAACATTTCTCCCTGGAGAGTCAGGTCCTATCCTGTGCTGCCCTGTCTGCC AGCCCAGGGCGATGCCTGGAAGCCTACTGACATTGCAGGGAGTCAGCCTCGCCCCACCC CCTACTGGTTTTCCAATGTTTTGACTGGAGGGCAAAATTTACTACTACTCATCTTTTTG GAGACCAGGGCTGCCCTGCTGGCAGCCTGCCTTCTAAGTAAAATCGACTCTGTTTCCCA CTTTAACCCCAAATTGGGGCTTGACCAAGGGAGGTGAGACCACCTCCCCAGGTCCCCT CCCCTTTCAAATCCATCTCATTGTTGCCACTTCATGCCCTGCCCTAACTGGGTTTTTGT TCATTTTTTAAAAACAGACCACCCATCCCATCCGTTTTGGCTTCTGTCCCTGTAATA GACCATGACTTCGATCAGTATTNCTTGTCCCACCCCTTCTATCCCAGATGTGCCCC ATCCCCTGAAGGAGCTGGCTGTCTCAGTCTGGGCTCGCGCACTTCACCCAGGAGATGG AGGGGGCGGAACCGGGTGGGCGGGGCCCTTCGGGCTGCTTGGCCAGCGGCCACCCCTG CCCAGCCGTCNGGAGGGCCGCATCTCTGN
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	AL157449
<b>Insert Size:</b>	880 bp
<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>	<a href="#">AL157449.1</a>
<b>RefSeq Size:</b>	1044 bp
<b>RefSeq ORF:</b>	1044 bp
<b>Locus ID:</b>	84687
<b>Cytogenetics:</b>	17q21.33
<b>Protein Families:</b>	Druggable Genome, Phosphatase
<b>Gene Summary:</b>	This gene encodes a scaffold protein that functions as a regulatory subunit of protein phosphatase 1a. Expression of this gene is particularly high in dendritic spines, suggesting that the encoded protein may play a role in receiving signals from the central nervous system. The encoded protein has putative tumor suppressor function and decreased expression has been observed in tumors. [provided by RefSeq, Feb 2014]