

Product datasheet for **SC321108**

SRPX2 (NM_014467) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SRPX2 (NM_014467) Human Untagged Clone
Tag:	Tag Free
Symbol:	SRPX2
Synonyms:	BPP; CBPS; PMGX; RESDX; SRPUL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_014467.2
 ACAGACCAGGAGCCACTCGTTCTAGGAATGTTAAAGTAGAAGGTTTTTTTCCAATTGATG
 AGAGGAGCAGAGAGGAAGGAGAAAAGAGGAGGAGAGAGAAAAAGGGCACAAAATACCATAA
 AACAGATCCCATATTTCTGCTTCCCCTCACTTTTAGAAGTTAATTGATGGCTGACTTCTG
 AAAGTCACTTTCCCTTGGCCCTGACTTCAGGCCATATACATCTTTTCTGTCTCCATAA
 TCCTCCCTTTCAAGGATGGCCAGTCAGCTAACTCAAAGAGGAGCTCTCTTTCTGTGTTCC
 TTCTAACTCCGGCAGTGACACCAACATGGTATGCAGGTTCTGGCTACTATCCGGATGAA
 AGCTACAATGAAGTATATGCAGAGGAGGTCCACAGGCTCCTGCCCTGGACTACCGAGTC
 CCCCAGTGGTGTATACATTAATATCCAGGATGGAGAAGCCACATGCTACTCACCGAAG
 GGAGGAAATTATCACAGCAGCCTGGGCACGCGTTGTGAGCTCTCCTGTGACCGGGGCTTT
 CGATTGATTGGAAGGAGGTGCGTGCAATGCCTGCCAAGCCGTGTTGGTCTGGAAGTCC
 TACTGCAGGCAGATGAGATGCCACGCACTACCATTCACTAGTGGCACTTACACCTGC
 ACAAATGGAGTGTCTTCTGACTCTCGTGTGACTACAGCTGTTCCAGTGGCTACCACCTG
 GAAGGTGATCGCAGCCGAATCTGCATGGAAGATGGGAGATGGAGTGGAGGCGAGCCTGTA
 TGTGTAGACATAGATCCCCCAAGATCCGCTGTCCCCTCACGTGAGAAGATGGCAGAG
 CCAGAGAAATTGACTGCTCGAGTATACTGGGACCCACCGTTGGTAAAGATTCTGCTGAT
 GGTACCATCACAGGGTGACACTTCGGGGCCCTGAGCCTGGCTCTCACTTTCCCGAAGGA
 GAGCATGTGATTGTTACTGCTATGACCGAGCCTACAACCGGGCCAGCTGCAAGTTC
 ATTGTGAAAGTACAAGTGAAGCGCTGCCCAACTCTGAAACCTCCGCAGCAGCGCTACCTC
 ACCTGCACCTCAGCGGGGACAACATATGGTGCCTCCTGTGAATACCACTGTGATGGCGGT
 TATGATCGCCAGGGGACACCTCCCGGGTCTGTGAGTCCAGCCGCGAGTGGTCAAGTTCA
 CCACCAATCTGTGCTCCTATGAAGATTAACGTCAACGTCAACTCAGCTGCTGGTCTTTG
 GATCAATCTATGAGAAACAGCGACTCCTCATCATCTCAGCTCCTGATCCTTCCAACCGA
 TATTATAAAATGCAGATCTCTATGCTACAGCAATCCACCTGTGGACTGGATTTGCGGCAT
 GTGACCATCATTGAACTGGTGGGACAGCCACCTCAGGAGGTGGGCGCATCCGGGAGCAA
 CAGCTGTGAGCCAAATCATCGAGGAGCTCAGGCAATTTAGCGCCTCACTCGCTCCTAC
 TTCAACATGGTGTGATTGACAAGCAGGGTATTGACCGAGACCGTACATGGAACCTGTC
 ACCCCCGAGGAAATCTTACATTCATTGATGACTACCTACTGAGCAATCAGGAGTTGACC
 CAGCGTCGGGAGCAAAGGACATATGCGAGTGAACCTGAGCCAGGGCATGGTTAAAGTCA
 AGGGAAAAGTCTCTAGTTAGCTGAAACTGGGACCTAATAAAAGGAGGAAATGTTTTCC
 CACAGTTCTAGGGACAGGACTCTGAGGTGGGTGAGTTTGACAAATCCTGCAGTGTTC
 GGATCCTTTTAGGACTGTGTAATAGTTTCCCTAGAAGCTAGGTAGGGACTGAGGACAGG
 CCTTGGGCAGTGGGTGGGGGTAGAAGTTCTTCTTCTTAACCCGGGCCCTGCCACG
 TCTCAAAGTCTTTCAGAAAAGTAAATCCTAAATTCAGTGGAAAAA
 AAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_014467

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).

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_014467.2](#), [NP_055282.1](#)

RefSeq Size: 2206 bp

RefSeq ORF: 1398 bp

Locus ID: 27286

UniProt ID: [O60687](#)

Cytogenetics: Xq22.1

Domains: CCP, HYR

Protein Families: Druggable Genome, Secreted Protein

Gene Summary: This gene encodes a secreted protein that contains three sushi repeat motifs. The encoded protein may play a role in the development of speech and language centers in the brain. This protein may also be involved in angiogenesis. Mutations in this gene are the cause of bilateral perisylvian polymicrogyria, rolandic epilepsy, speech dyspraxia and cognitive disability. [provided by RefSeq, May 2010]