

Product datasheet for **SC316883**

PRR12 (NM_020719) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRR12 (NM_020719) Human Untagged Clone
Tag:	Tag Free
Symbol:	PRR12
Synonyms:	KIAA1205
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_020719, the custom clone sequence may differ by one or more nucleotides

```

ATGGACAGGAACACCCAGCGCCGGCTTCGGGGACCCGCTCGGCGCCGGGGCGGGATGG
AGTTACGAGAGGTGAGCGAAAGCTAGCTTGTTTATGGCAGCTCCAGGACCTCGCACCCC
GAGACGGACATCTTACACCGCCAGGCTATGCGGCCCCACCCACTGCAAAGCTATGCC
ACCAACCACCACCCGGCAGGCTCTCTGGACTCTTCGACACTGGCCTCCACCACGCGGGC
TCAGCAGGGCCCGACGCCTCCGTATGAACCTTATCTCGGCCCTGGAATCCCGGGGCCCC
CAGCCTGGCCCCCTCCGCCTCCTCTCCTCCTCCCAGTTCGCGAGTCTTCTGGCAAACA
GCCATGCACACGCCAGGCCACGGAGCTTTCATCTCGGGTGCCTGCCGGGTTCCAGC
ACCTTTCGCTCCTCATCTGCCCTGTCCGCTTACCAACACCCGGCTTCCTTCGGCAGCCGC
CCCTTCCAGTGCCCTCGTCCCTCAGCCTCCAGGACCCCCATTAGCCCTCCAGTAAC
GGGCTCCTGTCCCTCATGACGTGCTGCACCTGAAGCCCTCGCAGGCACCCACGGTGCC
TCTTACTGGGCTTCGAGCGCCTGGCAGGGGGCGGTGCTTGGGGCCAGCTGGTCTCGGT
CCAGCCCAGACCCCCCTTACCGCCCTGGCCCCCAGACCCACCACCTCCTCGCCAC
CTCCCAACTCAGTTCAACTGCTGGCTTCTCCTTCCGCTGCCGCCCGCTGCCGAGCAG
TCTTCCACAGCTCTATAACTTCTCGGTGCTGCCCGGGCCACCCCGCCTGAGCGG
GCCCTGCCACGCCAGGACACGGTATCAAGCACTACCAGCGCCAGCCAGTGCCAGCCC
CCACCACCCCGCCACCCAGCCATGCGCTCCAGCACTATCTGAGCTGTGGAGGCAGCTAC
CCCTCCATGGGCCACCGGCCAACCTGGCTGCAGCCCCCTGGTGGTGGGGAGCCCTCC
CCGGGTGCTGGGGAGCCTAGCAAGGCTGGTCCCAGCGGAGCCACGGCTGGGGCATCTGGC
CGGGCCACGGCCCTGAGGCAGCAGGGGGCGGTGGGGCTGGGGTGGTGGTGGAGTTAC
CGCCCCATCATTAGTCGCTGGGTACAAGACGGGCAAAGGTGGTTATGGAGCAGCTGCC
GGGGTGCACCCAGGCCCCCCACCCGTTCCAGCGCCACCCCAAATGTCAGAGCCTG
GGTGGGCCAGCAGCCGCTATGCCACTGGGAAGCCTCTGGGGCTGGAGGGGCAGGGGGC
CAGGCTTATCCCGGTCAGCCTCAAGGGCTTCTGGGACCCAGCCTACGGGCAAGGG
TTTGGAGGGGGCAGGCACAGGACTTGAGCAAAGCCCAAGCTACTCAGGGGGCCCCCA
CAGCCCCCAGCGGCCCCCTCCTCCTGGCCTGGCCACATGTGAGAGCTACTCCCGGAC
CAGCTGCAGGGGCAGCTGTATGGGGTGCAGGGCGAGCCATACCCAGGGCCAGCCGCCAC
TCCCAGGGGCTGCCACAGCCAGCCCTCGCTCAGCTACAGTACCGGCCATTCCCGAGCG
CTCTCGGGCCATGGGGTGGCTGGGGACCCAGCTCCCTGGGAGGGCGGGTGGAGCCAGC
CCATCTCACATCATTGTCGCTCCAGTACCAGCCTGCCACCGGCCGTCACCTGGAGTC

```



[View online >](#)

GGCTCTCCAGGAGCCCTGGCAAATACCTGAGCTCAGTCTTGGCCTCAGCGCCTTTCCTG
 GCACCTCCGGGAGCTGGCAGCTATGCAGCCGGAGCAGGTGGCTACAAGGGCAAGGGGAT
 GGCTCGGAGCTGCTGGCGGGCCAGGTGGGCTCCTGCGGAGCGCACAGAGGATGAGGAG
 TTCCTTATCCAGCACCTTTGCAGGCGCCAGCCCTCCTCGGACCTCAGGGGCGGACGGC
 TTGGTGGGCGAGGACGGGGCAGCAGATGCCTCTAAGGGACTTGGGGGAGTGGCGGGCC
 GGGGACCACCGGTACACCTACGAGTTGGCCAAGGAAGACCCCAAGAGGTACCACCTG
 CAGAGTGTATCCGCACCAGTGCAGCTGGATGAGGGTGCCACTGCGGCACTGGAGCTG
 GGCTGGGGAGGCTGAAGGAGAAGAAGGGCCAGAGCGGGTGGCGAGACCCCGAG
 GGGCTGGCCACCTCTGTTGTCCACTACGGGGCAGGCGCCAAGGAGCTGGGGCCTTCTTG
 CAAAAGAGCCCTCCGCCCCACCTCCCACGGCCAGTCTACCCAGCCACTCCCCATGGC
 CTCCTTGGAGGCCGGGGCCCTGACCTCCACTGGTGTGCCTCCGCCTCCCCCCAG
 CTGCTCCCTCGGTCTCAGCCATGCCCCAGTCCCTCTCCAGCGCCTCCAAAGTCGGC
 GTCACCTCCTTGAGCCAGCCACCCGGATGGGGACCCAGCCACTCCACCGCCACCC
 CCGCTCCACCACCATGCCCTGCAGCTCGAGGCCACCTCCGCAGCCATGGCCTGGAG
 CCCGGGCCCCAGCCCGCCTGCGACCCGAGGAGAGCTGGATCCGCCAGGCGCCATG
 CAGGAATTGCTCGGGCTCTGGAGCCGCTGCCCGCGCCTGGGATACTGGCGTAGGC
 CCACAAACTCGGAGGGCAAGGATCCCGCAGGCGCTACCCGACCCCAAGCCGCAAGGC
 ACCAAGGCGCCGCTTTCGTGCCCTCACCTCCATCTGCTTCCCTGACTCCTTGCTCAA
 GACGAGGAGCGCAGCTTCTTCCACCATGGAGGAGATGTTTCGGTGGAGGGGCGCGGAC
 GACTACGGCAAGGCCGGCCACCTGAGGACGAGGGGACCCCAAGGCTGGCGTGGGCCA
 CCCCCGGCCCCCTGCTATGATCCCTATGGCCCTACTGTCTGGCCGGGCGTCGGGA
 GCCGGGCCGAGACCCGGCCCTGGGCTGGACCCCAACAACCCGCTGAACTGCCCTCC
 ACGGTCAACGCCGAGCCGCTGGGCTGATCCAGAGTGGCCCCACCAAGGCGGCCACCA
 CCCCCGCTCCGCCACCCCGCCTCCCGCGCCGCTCCGAACCAAGGTTGGCCTCACC
 TCGCCATCTTCTGCTCTACCAAGCCAAAGAAGTGTCTAAGACATCCTCCTTCCACTG
 CTGCGGCGCCGACCCACCTTCCAGACCCCAAGAAGCTGTACGCCAGGAGTACGAG
 TTCGAGGCGGACGAGGACAAGGCCGATGTTCCCGCGACATCCGCCTCAACCCCGGCGC
 TTGCTGACCTGGTCTCCAGCTGCCGCTCCCGTCCGGCCCTCTCGCCACTGGGGACATC
 GACTTCTGCCACCCAACCCAGGACCCGATGGCCCCGGCGCCTGGCCGCAAGCCACG
 AAGGCGAAACGTGATGGGCCACCCGGCCACGGGGAGGCCCCGATCCGCCCTGGAG
 GTCCCGACCACTGCGGGGCCGCTCGGCTCCACGCCACCGATGGCGCAAGAACC
 CGGGGCCGGGGCCGAGGCGGGGTGAAAGGCTGAGGAGGAGGGGGACCCGGTTGGAG
 CCCCTGAAGCCACTTAAGATCAAGCTGTCTGTGCCAAGGCTGGCGAGGCTGGGAACC
 TCATCGGGTGTGCCATATCAGGCACTGACCACAACAGCCTGGACTCGAGCCTGACTCGG
 GAGAAGATCGAGGCCAAGATTAAGGAGTGGAGGAGAAGCAGCCGGAGATGAAGTCGGGT
 TTCATGGCCTCCTTCTGGACTTCTCAAGTCAAGCAAGCGCCACCCACCACTTACCAG
 GCGGGCTGACGCTCCGCTCAGCCCTCCAAGAGTGTGCCACCTCTGTGCCAGCCGA
 GGCTGACGCCCCAGCCCCCTGCCACCCCTGCTGTGCCACATCCCCACCTTCCGGAGCC
 TTTGGGCTTGGGGCGCCCTGGAGGCTGCAGAGAGTGAAGGCTGGGGCTTGGCTGCCCT
 TACCCTGCAAGCGGCTTGTGAGGAGCTGAAGCGGAACCTCGAGACGCTGCCCTCCTTC
 TCCTCGGATGAGGAAGACTCTGTGCGCAAGAACCAGACCTGCAGGAGAGCATCTCTCC
 GCCATCTCTGCCCTCGATGACCCACCCCTTGTGGGCCAAAAGACTTCCACCCAGAT
 GGGCCGCCCTTGGCCCCCGGGCTGCAGTTCAGGGCCACCCCTCTTCCGGGGTCCCC
 AGTGCCAAACAGCAATGGCACTCCCGAGCCCCGCTGCTGGAGGAGAAACCCACCCACT
 CCACCTCTGCCCGACTCCTCAGCCTCAGCCTCCGCCACCCCTCCGCCGCCACAGCCA
 GCCCTGCCCTCGCCACCCCGCTGGTGGCCCCACGCCAGCTACCACCGCCACCGCCG
 CTGCCCGGCCACCTCCACCAGCATGCCCTCGCCTCCACCACCCCAACAGCGCT
 GCCCACTGGCTGCTCCTCCTGAGGAGCCCGCCCGCTCTCCGAAGACCCCGAGCTG
 CCGGACACCCGGCCCTGCATCTGGCCAAAAGCAGGAGACGGCGGCAGTGTGTGGGGAG
 ACGGACGAGGAGCGGGCGAGAGTGGCGGAGAGGGCATCTTCCGGGAACGGGACGAGTTC
 GTCATCCGTGCTGAGGACATCCCTTCCCTCAAGCTGGCGTTGCAGACGGGGCGTGAACCC
 CCACCATCTGGCGAGTCCAGAAGGCCCTTCTGCAGAAATCACTCCGGAGATCAAGGAC

```

GGCCAGAGGCAGTTTTGTGCCACCAGTAATTATTTGGGGTATTTTGGGGATGCAAAAAAT
CGGTACCAGCGCCTCTATGTAAAGTTCCTGGAAAATGTCAATAAGAAGGACTACGTGAGG
GTCTGTGCTCGGAAACCTGGCATCGGCCCCAGTGCCAGTCAGACGCTCTGGGCAGGCC
AAGAACCCCGTATCTGCTGGGGGTAGCTCTGCACCTCCCCTAAGGCCCCAGCACCACT
CCCAAGCTGAGACCCCTGAAAAGACGACATCTGAGAAGCCCCAGAGCAGACTCCTGAG
ACGGCCATGCCTGAGCCCCCTGCCCCGAGAAGCCCTCCCTCCTGCGGCCTGTTGAGAAG
GAAAAGGAGAAGGAGAAGGTGACACGTGGAGAGCGGCCATTGCGGGGTGAGCGGGCCACC
AGCGGACGGCAGACACGGCCAGAGCGGAGTCTGCCACGGGACAACCTGCCACATCCCGG
CTGCCAAAGCCCGCCTACCAAGGTGAAGGCTGAACCGCCCCCTAAGAAGAGGAAGAAA
TGGCTGAAGGAGGAGCGGCAACGCTACAGCAGGCGGGGGCCACCAGGCAGCTCCTCG
GACTCGGAGTCTCCCCTGGAGCCCCAGCGAGGACGAGCGGGCAGTACCTGGCGTCTG
CTCAAACAGGGCGATGCGGGAGATGTACCGAGCTACGTGGAGATGTTGGTGAGCACA
GCACTTGACCCAGACATGATCCAGGCCCTGGAGGACACGCATGACGAGCTGTACCTGCC
CCCATGCGGAAGATAGACGGCCTGCTGAATGAGCACAAGAAGAAAGTCTGAAGCGGCTG
TCGCTAAGCCCAGCCCTGCAGGATGCTCTGCACACGTTCCACAGCTGCAAGTGGAGCAG
AGTGGGGAGGGCTCTCCGGAAGAGGGGGTGTGCGGCTGCGGCCTGCTGGGAACCTAC
AACCGCAAGACGCTCAGCAAGCTCAAGAGGAGCGTGGTCAAGGCCAGGAGTTCAAGTT
GAGCTGGAAAAGTCGGGATACTATACTACTACCTACCATTCGCTCCACCACTATAATACCAC
ACCTTCTGCGCTGCCGGGACCAGACCCTGGCCATCGAGGGCGGGCCGAGGACCTGGGC
CAGGAGGAGGTGGTCCAGCAGTGATGCGGAACAGCCGTGGCTGGAACAGCTCTTTGAC
TCCTTCAGTGACCTGCTGGCCCAAGCACAGGCCACAGCCGCTGCGGG

```

Restriction Sites:

Please inquire

ACCN:

NM_020719

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_020719.1](#), [NP_065770.1](#)

RefSeq Size:

6960 bp

RefSeq ORF:

6111 bp

Locus ID:

57479

UniProt ID: [Q9ULL5](#)

Cytogenetics: 19q13.33

Gene Summary: This gene encodes a proline-rich protein that contains two A-T hook DNA binding domains. A chromosomal translocation and gene fusion between this gene and zinc finger, MIZ-type containing 1 (Gene ID: 57178) may underlie intellectual disability and neuropsychiatric problems in a human patient. Enriched expression of this gene in embryonic mouse brain suggests that this gene may play a role in nervous system development. [provided by RefSeq, Jul 2016]