

Product datasheet for **RN204952**

Postn (NM_001108550) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Postn (NM_001108550) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Postn
Synonyms:	Plf
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204952 representing NM_001108550
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGTTCCTCTCCTGCCCTTATCTGCTCTGCTGCTGTTCCTGTGTGACGTTGACCCCGCAAATGCCA
 ACAGTTACTATGACAAGGTCCTAGCTCACAGCCGCATCAGGGGTCGGGATCAGGGCCCAAATGTCTGTGC
 CCTCCAGCAGATTCTGGGCACCAAAAAGAAATACTTCAGCTCCTGTAAGAACTGGTATCAAGGTGTATC
 TGCGGGAAGAAAACCACTGTGCTATATGAATGCTGCCCGGCTATATGAGAATGGAAGGGATGAAAGGCT
 GCCCAGCAGTGATGCCATTGACCATGTTTATGGCAGCTGGGCATCGTGGGAGCCACGACCACTCAACA
 CTATTCTGATGTCTCGAAGCTCAGGGAAGAGATTGAAGGAAAAGGGTCTACACATACTTCGCGCCGAGT
 AACGAAGCTTGGGACAACCTGGATTCCGACATCCGCAGAGGACTAGAGAACAATGTCAATGTTGAGTTAC
 TGAACGCTTACACAGCCACATGGTTAATAAGAGAATGCTAACCAAGGACCTGAAACACGGCATGGTTAT
 TCCTTCAATGTACAACAATCTGGGGCTTTTATCAATCATTATCCAATGGGGTGTCTGTAAGTGT
 GCTCGAGTAATCCACGGGAACCAGATTGCCACAATGGTGTGTCCATGTATCGACCGTGTCTGACAC
 AAATTGGCACCTCCATCCAAGACTTCATTGAAGCAGAAGATGAGCTTTCATCATTAGAGCGGCTGCCAT
 CACTTCTGACCTTTGGAGTCCCTTGAAGAGACGGTCACTTCACACTCTTTGCTCCCACCAATGAGGCT
 TTCGAGAACTCCCACGAGGAGTCTAGAAAGGATCATGGGAGACAAAGTGGCTTCTGAAGCTCTCATGA
 AGTACCACATCCTGAATACCTCCAGTGTCTGAGGCTATCACAGGAGGAGCGGTGTTGAGACCATGGA
 AGGAAACACTATTGAAATAGGGTGTGAGGGAGACAGCATCTCCATTAAACGGAATCAAGATGGTGAACAAG
 AAAGACATTTGTGACGAAGAATGGTGTCTCCACCTGATTGATGAAGTCTCATTCTGATTCTGCTAAAC
 AAGTTATTGAGCTGGCTGGAACACAGCAAAACCACTTTCACGGACCTGGTAGCCAGTTAGGTTGGCGTC
 TTCTCTGAAGCCGGATGGAGAGTACACGCTGTTAGCGCCTGTGAACAATGCGTTCTCTGATGACACTCTG
 AGCATGGACCAGCGCTTCTTAAGCTAATTCTGCAAAAATCACATATTGAAAGTAAAAGTCGGCTTAGTG
 ATCTCTACAATGGACAGATTCTGGAGACATTGGAGGCAAACAACCTCCGTGTCTCGTGTATCGGACGGC
 TATCTGCATAGAAAACCTCATGCATGGTGTGAGAGGAAGCAAGCAGGGGAGGAACGGTCCATTACATATTC
 CGAGAGATCATCCAACCGCGGAGAAAGTCCCTGCACGAAAAACTGCGCCAAGATAAGCGCTTCAGCATCT
 TCCTCAGCTCCTCGAAGCTGCAGATCTGAAAGATCTTCTGACACAGCCCGGAGATTGGACCTGTTTGC
 ACCAACCAATGATGCCTCAAGGAATGACTAATGAAGAAAGGGAGATTCTGATTGGGGATAAAAATGCT
 CTCAAAAACATCATTCTTACCACCTGACCCAGGGGTTATATTGAAAGGGATTGAACCCGGAGTCA
 CCAACATCCTGAAGACCACAGGGAAGCAAAATCTATGTGAAAGGAGTCAATGAGACGCTTTTGGTGAA
 TGAGTTGAAGTCAAAGAATCTGACATCATGACAACAAACGGCGCTCATTACGTTGTGGACAAAACCTCTC
 TATCCAGCAGACATTCGGTTGGAAATGATCAGCTCTTGGAACTACTGAACAAAACGATAAAAATACATCC
 AAATTAAGTTCGTTCTGGCAGCACCTTCAAAGAAATCCCATGACTGTCTATACAACTAAAATTATAAC
 CAAACTCGTGGAAACAAAATTAAGTCAATCAAGGCAGTCTTCAGCCTATTATCAAAACAGAAGGACCT
 GCAATGACGAAGATCCACATTGAAGGCGAGCCTGACTTCAGGCTGATTAAAGAAGGTGAAACAGTGACAG
 AAGTGATCCACGGAGAACCAGTCATTAAGTACACCAAAATCATAGACGGGGTTCCTGTTGAAATAAC
 TGA AAAAGAGACCCGGGAAGAACGCATCACAGGTCCTGAGATAAAAATACACTAGGATTTCCACAGGA
 GGTGGGGAACAGAAAGACCCCTGCAGAAATCTTGCAAAAAGACACACCTGCAAAGAAGATACAAGCCA
 ACAAAGGGTTCAAGGGTCTAGAAGCGATCAAGAGAAGGCCGTTCTCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
 ACCN: NM_001108550
 Insert Size: 2433 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_001108550.1</u> , <u>NP_001102020.1</u>
RefSeq Size:	3177 bp
RefSeq ORF:	2433 bp
Locus ID:	361945
Cytogenetics:	2q26