

Product datasheet for **RN215040**

Pign (NM_001100584) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pign (NM_001100584) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pign
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN215040 representing NM_001100584
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGCTGTTTTTGGCTTTGGGATTGCTTGTGCATTTTGTGTTCTTCGCCTCCATCTTTGACATTTATT
 TTACCTCTCCTTTGGTTCATGGAATGACTCCTCAGTTACACCATTGCCTCCTCCAGCAAAAAGATTAGT
 GTTATTTGTTGCTGACGGCCTGAGAGCAGATGCTCTTTATGAGTTAGATGAAGATGGAACTCCAGAGCA
 CCTTTTATTAGGAATGTTATCATGCATGAAGGCAGCTGGGGAGTCTCTCACACGCGTGTGCCAACAGAGT
 CTCGGCCTGGCCACGTAGCCTTGATAGCTGGGTTTTATGAGGATGTCAGTGCAGTCGCCAAAGGGTGAA
 AGAAAATCCTGTAGAATTTGATTCTCTTTTAAATGAAAGCAAGTACACATGGAGCTGGGGGAGTCCAGAT
 ATCTTGCCTATGTTTGCCAAAGGTGCTAGTGGTGACCATGTTTATACTTACAGTTACGATGCTCAAAGAG
 AAGATTTGGTGTCTCACGATGCCACAAAGCTGGATACCTGGGTTTTTGATAAAGTTAAGGACTTCTTTGA
 TGCTGCAAGAAAACAACCAATCTTTGTTCTCAATAGTAAATGAAGAAAAAGTCGTTTTTTTCTTACATTTA
 TTAGGAATAGATACAAATGGACATGCTCATCGACCATCATCAAGGGAATAAAGGACAATATTAATAAAG
 TTGATGATGGAGTGAAGGAAATTGTATCAATATCAAGCATTATTTATGAAGATGATGGGAAAACAGCATT
 TATTTTACCTCTGACCATGGAATGACAGACTGGGGTCCCATGGGGCTGGTATCCTTCAGAGACTTTA
 ACTCCTTTCTGTTACTTGGGGAGCTGGAATCAAATTTCCCTAAAATGTATCAGCTCAGCAATATGAGGATG
 AGTTTTTAAAAGAATGGAGATTGGAAAATTGGAAGAGGCAAGATATCAATCAGGCTGATATTGCACCACT
 GATGGCATCCCTTATTGGAGTCCCTTTCTCTTAATTCGGTGGGAATACTTCTGTGGGTTATCTTAAC
 AACACTGGTCTCTTCAAAGCAGAGAGCATGTTTACCAATGCAGTGCAGATTCTTGAACAGTTCAGGTTGA
 AAATGACTCAGAAAAAGAAGCTACTTTACCATTTTTGTTTACACCATTTAAGTTGCTCTCTGTCTTCA
 ACAGCTGGACATTTTAAAGAAAAGCAAGATCTTACATAAAAACAAGAAAAATTTGATGACGTAGTGTCCCTC
 TGTGAGGAGCTGATTGATCTGGCCCTGAGAGGATTGTCCTATTATCACACTTACGACAGACTGTTTCTGG
 GTATCAGTGTTCAGTTGGGTTTGTGGGATGGACATCGTATGCTTCTTGTAAATCATCAAGTCTCATT
 TGATATCCACAGGCACTAGGAGGGAAGGGAAGAAGCCACACCATCTTCTGCCCTGTAGCTTATAGCT
 GCTGGTGTCTTAGTAGCATGCTTCTGATGATCCAAGCCTGTCCCTGGACTTACTATGTATTGCTTGC
 TGCCGGTGCCAAATATGGTATGCAGTTCTAAAAGAACGTGAAGTATTCAAGCCCTGGTTGAGTCACTATT
 GGCTTTTCTCTGAGCCGTTTTGTCGCCTACTTGCTTGTCTTTACCCTGGCATTGAAGTACTGGTGCTC
 AGTTTTTCTACCGCTACATGTTGACAGCTGGACTGATTGTGTTGCAGGTTGGCCATTTCTCACTCAGC
 TGTGGACCCGAGCAAAGATCACCTGCCTGAGTTGGGCTTCTTCTCTTTGCTTCTGGCAGTGTCCCACT
 GATGCCTGTTGTGGGTAGAAAGCCAGACCTTCTCTAGTAATGGGTGCCGGATTGCTTGTCTTCTGCTG
 TCGCTGGCTGTTCTAGCAACCCTCGTAAAAAGAAAACCTAATTTGGTAAAGGACGAGCTGTTGGTACTTC
 TGTTACAGGTGCTGAGTACAGTCTCTATGTACGTTGTGTACAGTACCCACCACAGTCTGTTAAAGAA
 AGAAGGCTGCCTCTTCTGAATCAGATTGTGAGCTGGGCAACGCTAGCCTCTTCTCTGGTGGTGCCTCTC
 CTGAGCCCCACAGCCCTCTGGCAGCGGCTGACCAGCATACTTCTTTCTTGTATGTCGACCTACTTGCTGC
 TAAGCACGGGGTATGAAGCTCTCTTCCGTTAGTGTGTCCTGTTTGTGTTGTCTGGATACACGTGGA
 ACAAGAGACCCCTCAACAGTCTGGTGTTCCTGTAACAAAAGCTTGCAGTATCCAGTTACCTACAAT
 ACTGATATAACTCAGTTCCGACAGCTCTGTTTGGATGACATCCGTAGGGCCTTTTTCTTGTTTTCTTTT
 TATTAAGTGCATTTTTTGAAGTGAATAATAGCTTCTATTAACAGCTTTGACCTTGCCTCTGTGTATTG
 CTTTCTGACTGTGTTTAGTCTTTTATGATGGGAGCGCTCATGATGTGGAAGATTTTAAATCCTTTTGT
 CTTGTGATGTGTGCTTTTGAAGCAGTTCAGATAACTACACAGCTGTCATCAAAGGCCTTTTTCTTGTGC
 TTCTTGTATATCAGACATCATGGCTTTCATTTTTTCTTCTTGGTCAAGGATTCTGGCAGCTGGCTTGA
 TATTGGAACAAGCATCAGCCACTATGTGATTGTCATGTCCATGACCATCTTCTGGTGTCTTAAATGGC
 CTGGCACAATTGCTCACAAACAAGAACTCCAAGTGTGTGGCAAGCCAAAAGCCATCTCATGTGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN:	NM_001100584
Insert Size:	2796 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_001100584.1</u> , <u>NP_001094054.1</u>
RefSeq Size:	4128 bp
RefSeq ORF:	2796 bp
Locus ID:	309051
Cytogenetics:	13p11