

Product datasheet for **RN215265**

Pigr (NM_012723) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pigr (NM_012723) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pigr
Synonyms:	pIgA-R; RNPIGR2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN215265 representing NM_012723
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGGCTCTCCTTGTTGCGCCCTTTGGTAACTGTCTTCTCAGGGGTCTCCACACAAAGCCCATATTTG
 GTCCCCAGGATGTGAGTAGTATTGAAGGTAACCGGTCTCCATCACGTGCTACTACCCAGACACCTCTGT
 CAACCGGCACACCCGAAATACTGGTGCCGACAAGGAGCCAACGGCTACTGCGCAACCCATCTCTTCA
 AATGGCTACCTCTCGAAGGAGTATTCAGGCAGAGCCAGCCTCATCAACTCCCAGAGAATAGCACATTTG
 TGATTAACATTGCACATCTCACCCAGGAGGACTGGGAGCTACAAGTGGTCTGGGTACCACTAACCG
 AGGCTGTTTTTCGATGTCAGCCTGGAGGTGAGCCAGGTTCTGAGTCCCAAATGACACCCATGTCTAC
 ACAAGGACATAGGCAGAACTGTGACCATCGAATGCCGTTTCAAAGAGGGGAATGCTCATAGCAAGAAAT
 CCCTGTGTAAGAAGAGAGAGAGGCCCTGCGAAGTTGTCATCGACTCTACTGAGTACGTGGACCCAGCTA
 TAAGGACAGAGCAATCCTTTTTATGAAAGGGACCAGCCGGATATATTCTATGTCAACATTAGCCACCTA
 ATACCCAGTGATGCTGGACTGTATGTTGCCAAGCTGGAGAAGGCCCCAGTGCTGATAAAAAATAATGCTG
 ACCTCCAGGTGCTAGAGCCTGAGCCAGAGCTGCTTTATAAAGACCTGAGGTCTCTAGTGACTTTTGAATG
 TGACCTGGGCCGTGAAGTGGCAAATGATGCCAAATATCTGTGTCCGAAGAACAAGGAAACCTGTGATGTC
 ATCATCAACACCTGGGGAAGAGAGATCCAGCCTTTGAAGGCAGGATCCTGCTAACCCCAAGGGATGACA
 ATGGCCGCTTCAGTGTGTTGATCACAGGCCTGAGGAAGGAGGATGCAGGGCACTACCAGTGTGGAGCGCA
 CAGTTCGGTTTGCTCAAGAAGGCTGGCCCGTCCAGGCTTGCAACTCTTTGTCAATGAAGAGTCCACG
 ATCCCAATAGTCGCTCTGTTGTGAAGGGTGTACAGGAGGCTCTGTGGCCATCGTCTGTCCCTATAACC
 CCAAGGAAGCAGCAGCCTCAAGTACTGGTGTCACTGGGAAGCCGACGAGAATGGACGCTGCCCGGTGCT
 CGTGGGGACCCAGGCCCTGGTGCAAGAAGGATATGAAGGCCGACTGGCACTGTTGATCAGCCGGGCAAT
 GCGCCTACACTGTCATCCTCAACCAGCTCACCCAGGATTCTGGCTTCTACTGGTGTCTTACCGATG
 GTGACTCTCGCTGGAGAACCACGATAGAACTGCAGGTTGCTGAAGCTACAAAGAAGCCAGACCTTGAGGT
 GACACCACAGAACCGACCCGGTGATAGGAGAGACCTTCACAATCTCCTGCCACTATCCGTGCAAATTC
 TACTCCCAGGAGAAATACTGGTCAAGTGGAGCAACGACGGCTGCCACATCCTGCCGAGCCATGATGAAG
 GTGCCCGCAGTCTCTGTGAGCTGTGACCAGAGCAGCCAGATCGTCTCCATGACCCGTAACCCGGTCAA
 AAAGGAAGATGAAGGCTGGTACTGGTGTGGGTAAAAGAAGGTGAGGTCTATGGAGAACTACAGCCATC
 TATGTAGCAGTTGAAGAGAGGACCAGAGGGTACCCACATCAACCCGACAGATGCAAACGCACGTGCAA
 AAGATGCTCCAGAGGAAGAGGCAATGGAATCCTCTGTGAGGGAGGATGAAAACAAGGCCAATCTGGACCC
 CAGGCTTTTTGCAGACGAAAGAGAGATACAGAATGCGGGAGACCAAGCTCAGGAGAACAGAGCATCTGGG
 AATGCTGGCAGTGTGGTGGACAAAGCGGGAGCTCCAAAGTCTATTCTCCACCCCTGGTGCCCTGGGTT
 TGGTGTGGCAGTGGGTGCTGTGGCTGTGTGGTGGCCAGAGTCCGACATCGGAAGAAATGTAGACCCGAT
 GTCAATCAGCAGCTACAGGACAGACATTAGCATGGGAGACTTCAGGAACTCCAGGGATTTGGGAGGCAAT
 GACAACATGGGCGCCACTCCAGACACACAAGAAACAGTCTCGAAGGAAAAGATGAAATAGAGACTACCA
 CCGAGTGTACCACCGAGCCAGAGGAATCCAAGAAAAGCAAAAAGGTCTCCAAGGAGGAAGCTGACATGCC
 CTACTCAGCATTCTGTTTCAGTCCAGCACAATAGCTGCCAGGTCCATGATGGTCCCCAGGAAGCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_012723
Insert Size: 2310 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:	NM_012723.4 , NP_036855.3
RefSeq Size:	3929 bp
RefSeq ORF:	2310 bp
Locus ID:	25046
UniProt ID:	P15083
Cytogenetics:	13q13
Gene Summary:	contains a trinucleotide repeat-rich fragment in the 3' untranslated region that may regulate gene expression [RGD, Feb 2006]