

Product datasheet for **SC120538**

Progesterin Receptor Beta (PAQR8) (NM_133367) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Progesterin Receptor Beta (PAQR8) (NM_133367) Human Untagged Clone
Tag:	Tag Free
Symbol:	Progesterin Receptor Beta
Synonyms:	C6orf33; LMPB1; MPRB
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>SC120538 representing NM_133367. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGACGACCGCCATCTTGAGCGCCTGAGCACCCTGTCGGTCAGCGGGCAGCAGCTGCGCCGCTGCC
AAGATCCTGGAGGATGGGCTTCCCAAGATGCCTTGCACTGTCCCAGAAACGGATGTGCCCCAGCTTTC
CGGGAGCCTTACATCCGCACCGGCTACCGCCCCACGGGGCAGAGTGGCGCTACTACTTCTTCAGCCTC
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TTCTGGGCCTTTGCCGAGGCTGAGGCCTTGCCATGGGCGTCTACCCACTCCCTGCCTCTGCTCCTTTC
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TCCCACTACACCTTCTACTTTGTGGACTATGTTGGCGTGAGCGTTTACCAATATGGCAGTGCTTTGGCT
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ATCCTCCTGGACTACCAGGGCGGCAGGAGATCTTCTGCAGCGCCATGGACCCCTATCTGTCCACATG
GCCTGCCTCTCCTTCTTCTTCTGGCTGCCTGCAGTGTGCCACCGCAGCCCTTCTGAGGCACAAAGTC
AAGGCCAGACTGACCAAGAAAGATTCTGA
  
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_133367 unedited GTTCAAATTTTGTAAACGACTCACTTATAGGGCGGCCGGAATTCGCACGAGGGCGCGG CACGGAGTGCATGCGGGCCGCTGCCATGACGACCCCATCTTGGAGCGCCTGAGCACCT GTCGGTCAGCGGGCAGCAGCTGCGCCGCTGCCAAGATCCTGGAGGATGGGCTTCCAA GATGCCTTGACTGTCCAGAAACGGATGTGCCCCAGCTTCCGGGAGCCTTACATCCG CACCGCTACCGCCACGGGGCAGAGTGGCGCTACTACTTCTCAGCCTCTTTAGAA ACACAACGAGGTGGTCAACGCTGAGCCATTTACTGGCAGCCCTGGCCGCTCTTGGC ATTCTGGCCTTTGCCGAGGCTGAGGCCTTGCCATGGGCGTCTACCCACTCCCTGCCTCT GCTCCTTTCATCCTGTGTCGCAATCACTTACCTCACCTGCAGCCTTCTGGCCACCTGCT GCAGTCCAAGTCAGAGCTCTCCACTACACCTTCTACTTGTGGACTATGTTGGCGTGAG CGTTTACCAATATGGCAGTGCTTGGCTCATTCTTCTACAGCTGACCAGGCCTGGTA TGACCGGTTCTGGCTTTTCTTCTGCCAGCAGCTGCCTTCTGGGCTGGTTATCTTGTG TGGCTGTGCTATGCCAAATATCGTTACCGGAGGCCTTATCCAGTCATGAGGAAGATCTG TCAAGTGGTGCCAGCAGGTCTGGCTTTTATCCTAGACATCAGCCCTGTGGCACACCGTGT GGCGCTCTGTACCTGGCTGGCTGCCAGGAGCAAGCAGCCTGGTCCACACCTTCAGATC CTTTCTTCTGAGTGGCTATTTCTTCTCCTGCCCGTGCCTGAGAAGACTTNCCTG GTTCTGTGACATCGTGGCCATGGCATCAGATCTTCTGNCATTCTGNCATCTGTCACT C</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_133367 unedited CTTGGACGCGGCCCTTCTANGATCGAGTTTTTTTTTTTTTTTTTTTTTATACAAAAT CACTTTAATGGTTATTTCATATAAGTAGATTTATATAGACAGAAAATAGCTCCATTTTTT TTTTTTTTTTTTTTTTTTTTTGGCCAGCCAGCCAAACACAAGACCCATTGAATTAGTTG ACAGAAGCCTTGGGACAATGGCAGTGCCCTTTCTGAGTAAAACATGAATGCCATCTGGA GGATCCATTTGAAACTACAGTGCAGTAACCAAAGAACCTAATGTTTTCAAGCCTAAAGGT ACTTTTTGTGAACAGGTGGGCAACACAGGCAGGAATAACTACCTTATTCTATGGACTTA AATTCCTATTTCTTTCTAGCTTCCAGTAAAAAATCTTGAGAATATTGTTGTTGAGTGAA GTACTTTCCGCTGAAATGGGAAATGAACCCCTAGAGTCTTACAAGTATTATTAAGCATCA GTTAATACAGGTCAGGAAGAATTAAGCCAGAGAGAAAACAGGCAATGTGCTCTGTTGCT GTGTCCTGGCATCTCCTCTCCCTACACTGGATTTTATTTCATGAGAGGATGTAATGACTG ATAGTTTAGTTTTTCAAAGGTATTTACATTTTTCATAGTTGAAAGTCTAAATTAAGAGA GAGAGAGATAAAGTTAACCCGCAGAATTTCCAGTTGATATGTTTGAAGGGCTATGGGNT GAATAAGCCATCTCCTTATAAAAATGGTGAATATTCTTTTTTAAACAAGTCTGTTTCTT ACTGATACACTAACTTTTACAAAATGTTTTAAAAAGGATTAATTCCTCAAATCCTGAGT AGTTTAAAAACATCCGGCATTTCCTAATTTAATTTCTAAAAAATCTTGATTTCTGGAGCC TGGTCTAAAGTCTCCCTACCTAATGGCTTCTAAAAATCTCTATTAATAAAGTCTTTCAGG GGCAGCGTGATGGC</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_133367
Insert Size:	1065 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_133367.2
RefSeq Size:	4642 bp
RefSeq ORF:	1065 bp
Locus ID:	85315
UniProt ID:	Q8TEZ7
Cytogenetics:	6p12.2
Domains:	UPF0073
Protein Families:	Druggable Genome, Transmembrane
MW:	40.5 kDa
Gene Summary:	Plasma membrane progesterone (P4) receptor coupled to G proteins (PubMed:23763432). Seems to act through a G(i) mediated pathway (PubMed:23763432). May be involved in oocyte maturation (By similarity). Also binds dehydroepiandrosterone (DHEA), pregnanolone, pregnenolone and allopregnanolone (PubMed:23161870).[UniProtKB/Swiss-Prot Function]