

## Product datasheet for **RR200717**

### Pecr (NM\_133299) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pecr (NM_133299) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pecr
Synonyms:	TERP
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR200717 representing NM_133299 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGGCTCTTGGAAAGAGTGGTCAGAGCTACCTAGCGGCCGGTGTCTGCAGAACCAAGTGGCGGTGGTCA  
CCGGCGGGCCACAGGCATTGGAAAAGCCATCTCCGGGAGCTCCTGCACCTGGGGTGAACGTGGTCAT  
TGCTTCCCGAAACTGGACAGATTAACCGCTGCTGTGGATGAACTGAGAGCCTCTCAGCCTCCCTCCAGC  
AGCACTCAAGTACCGCCATACAGTGAATATCAGGAAAGAAGAAGAGGTGAATAATTTGGTCAAATCTA  
CCTTAGCTAAATATGGGAAGATCAACTTCTTGGTGAACAACGCAGGGGGCCAGTTCATGGCTCCTGCTGA  
AGACATCACTGCGAAGGGATGGCAAGCTGTGATTGAAACCAACCTGACTGGCACCTTCTACATGTGCAAA  
GCAGTTTACAATTCCTGGATGAAAGACCATGGCGGCTCTATTGTCAATATCATTGTCTTCTTAACAACG  
GGTTTCCAACAGCCGCGCACAGTGGAGCGGCAAGAGCAGGTGTTTACAACCTCACGAAAACCATGGCTTT  
GACGTGGCCAGCAGCGGAGTGAGGATCAACTGTGTTGCTCCTGGGACATTTACTCCAGACTGCTGTT  
GACAACATGGCGAACTGGACAGACCATGTTTGAGATGGCCTTCGAGAATATCCAGCTAAGCGTGTG  
GACTCCCGAGGAGATCTCCCTCTGGTGTGCTTCTACTGTCCCGCAGCATCCTTCATCACTGGACA  
GTTAATCAATGTGGACGGAGGCCAGGCTCTGTACACTCGCAACTCACGATACCAGATCATGACAACCTGG  
CCTGTGGGAGCTGGGACTCTTCTTTTATCAAGAAGGTGAAGGAATCTTTGAAGAAGCAAGCCAGGCTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_133299.2</a> , <a href="#">NP_579833.1</a>
<b>RefSeq Size:</b>	1188 bp
<b>RefSeq ORF:</b>	912 bp
<b>Locus ID:</b>	113956
<b>UniProt ID:</b>	<a href="#">Q9WVK3</a>
<b>Cytogenetics:</b>	9q33
<b>MW:</b>	32.4 kDa
<b>Gene Summary:</b>	member of the short-chain dehydrogenase/reductase (SDR) family [RGD, Feb 2006]