

## Product datasheet for **RR200139**

### Pex19 (NM\_001134777) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Pex19 (NM_001134777) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pex19
Synonyms:	PxF
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR200139 representing NM_001134777 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGCGGCTGCTGAAGGAGGTTGCGGTGCTGGGGTCGAAGCGGACCGGAATTGGAGGAGCTTTGGAAA  
GTGCTCTTGATGATTTTGATAAAGCCAAACCTCCCCAGCACCTCTCCTACCATCTCGGCCCCGATGC  
TTCAGGGCCCCAGAAGAGATCGCCAGGAGACACTGCCAAAGATGCTCTCTTTGCCTCCCAAGAGAAATTT  
TTCAGGAACTGTTGACAGTGAGCTGGCTTCCAAGCCACCGCAGAGTTTGAGAAGGCAATGAAGGAGC  
TGCTGAGGAAGAGCCCCATCTGGTGGAGCAGTCCAGAAGCTCTCAGAGGCAGCTGGGAGAGTGGGCAG  
CGATGCAAGTTCTCAACAAGAATTTACTTCTTGCTAAAGGAGACATTAAGTGGGCTAGCCAAAAATGCC  
ACTGACCTTCAGAACGCAGGCATGTCTGAAGAAGAACTGACAAAAGCCATGGAAGGGCTGGGCATGGATG  
AAGGAGACGGGAAGGGAACATTCTCCCATCATGCAGAGCCTCATGCAGAACCTTTGTCTAAGGATGT  
ATTGTATCCATCCCTGAAGGAGATCACCGAAAAGTATCCAGAATGGCTACAGAGTACCAGGAGTCTATT  
CCCCAGAGCAGTTTGAGAAGTATCAGCAGCAGCACAGTGTCTGGGCAAAATCTGCGAGCAGTTTCGAGG  
CAGAGACGCCACAGACAGCGAGGCTACTCACAGGGCTCGCTTTGAGGCGGTACTCGATCTTATGCAGCA  
GTTACAGGACTTGGGCCACCTCCGAAAGAGCTGGCTGGGAGATGTACACTGGACCTTCAGGGTCTTTG  
CTGATCTTCTGGCTGGAACACTTTTTCCAGTGTCTCGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR200139 representing NM\_001134777  
 Red=Cloning site Green=Tags(s)

MAAAEGGCGAGVEADRELEELLESALDDDFDKAKPSPAPSPTISAPDASGPQKRSPGDTAKDALFASQEKF  
 FQELFDSELASQATAEFEKAMKELAEPPHLEVEQFKLSEAAGRVGSDASSQEF TSCLKETLSGLAKNA  
 TDLQNAAGMSEELTKAMEGLGMDEGDGEGNILPIMQSLMQNLLSKDVL YPSLKEITEKYPEWLQSHQESI  
 PPEQFEKYQQHSMVGKICEQFEAETPTDSEATHRARFEAVL DLMQQLQDLGHPKELAGEMYTGPSSGL  
 LILLAGTLFPSAR

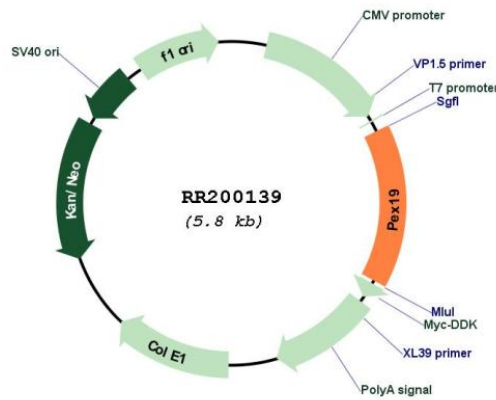
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** Sgfl-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001134777

**ORF Size:** 879 bp

<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_001134777.1</a> , <a href="#">NP_001128249.1</a>
<b>RefSeq Size:</b>	1400 bp
<b>RefSeq ORF:</b>	882 bp
<b>Locus ID:</b>	289233
<b>Cytogenetics:</b>	13q24
<b>MW:</b>	31.9 kDa