

Product datasheet for **RR200140**

Pex19 (NM_001107375) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pex19 (NM_001107375) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Pex19
Synonyms: PxP
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR200140 representing NM_001107375
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGGCTGCTGAAGGAGGTTGCGGTGCTGGGGTCGAAGCGGACCGGAATTGGAGGAGCTTTGGAAA
GTGCTCTTGATGATTTTGATAAAGCCAAACCTCCCGAGCACCTCTCTACCATCTCGGCCCCGATGC
TTCAGGGCCCCAGAAGAGATCGCCAGGAGACACTGCCAAAGATGCTCTTTGCCTCCCAAGAGAAATTT
TCCAGGAACTGTTGACAGTGAGCTGGCTTCCCAAGCCACCGCAGAGTTTGAGAAGGCAATGAAGGAGC
TGCTGAGGAAGAGCCCCATCTGGTGGAGCAGTCCAGAAGCTCTCAGAGGCAGCTGGGAGAGTGGGCAG
CGATGCAAGTTCTCAACAAGAAATTTACTTCTTGCCTAAAGGAGACATTAAGTGGGCTAGCCAAAAATGCC
ACTGACCTTCAGAACGCAGGCATGTCTGAAGAAGAACTGACAAAAGCCATGGAAGGGCTGGGCATGGATG
AAGGAGACGGGAAGGGAACATTCTCCCATCATGCAGAGCCTCATGCAGAACCTTTGTCTAAGGATGT
ATTGTATCCATCCCTGAAGGAGATCACCGAAAAGTATCCAGAATGGCTACAGAGTACCAGGAGTCTATT
CCCCAGAGCAGTTTGAGAAGTATCAGCAGCAGCACAGTGTCTGGGCAAAATCTGCGAGCAGTTTCGAGG
CAGAGACGCCACAGACAGCGAGGCTACTCACAGGGCTCGCTTTGAGGCGGTACTCGATCTTATGCAGCA
GTTACAGGACTTGGGCCACCTCCGAAAGAGCTGGCTGGGGAGATGCCTCCTGGCCTCAACTTTGACCTG
GATGCCCTCAATCTATCGGGCCACCAGGTGCTAATGGCGAACAGTGTCTGATCATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence: >RR200140 representing NM_001107375
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MAAAEGGCGAGVEADRELEELLESALDDFDKAKPSPAPSPTISAPDASGPQKRSPGDTAKDALFASQEKF
 FQELFDSELASQATAEFEKAMKELAEPPHLEVEQFKLSEAAGRVSQDASSQEFTSCLKETLSGLAKNA
 TDLQNAAGMSEELTKAMEGLGMDEGDGEGNILPIMQSLMQNLLSKDVL YPSLKEITEKYPEWLQSHQESI
 PPEQFEKYQQQHSVMGKICEQFEAETPTDSEATHRARFEAVLDLMMQQLQDLGHPKELAGEMPPGLNFDL
 DALNLSGPPGANGEQCLIM

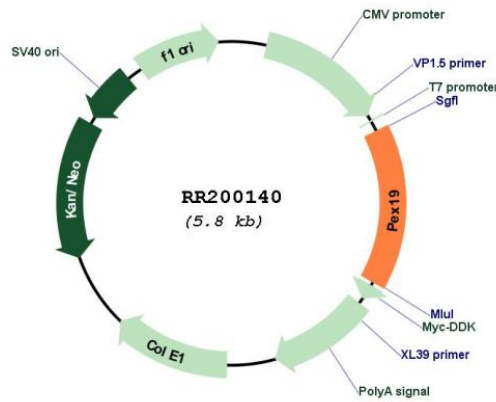
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001107375

ORF Size: 897 bp

OTI Disclaimer:	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. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001107375.2 , NP_001100845.1
RefSeq Size:	2327 bp
RefSeq ORF:	900 bp
Locus ID:	289233
Cytogenetics:	13q24
MW:	32.5 kDa