

Product datasheet for **RR205643**

Pex16 (NM_001012088) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pex16 (NM_001012088) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Pex16
Synonyms: MGC109242
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR205643 representing NM_001012088
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCGGAACTGGGTGGAACTGGACCTGCCTTTAAGGTCGCTTCTCCGATCCCACGAGCTGTCTGA
GTTGGTGTACTCTGCCTTAACCTGCTTGTGCTGCTCAATGACGGGATCCTTCGGAAGGAGCTTCGAAAA
AAAGTTGCCTGTGTCGCTGTCCCAGCAGAAGTTGCTGACATGGCTGAGTGTACTGGAATGTGTGGAGGTG
TTCATGGAGATGGGGCTGCCAAGGTGTGGGGCGAAGTAGGCCGTTGGCTCGTCATTGCTCTCATCCAGC
TGGCCAAGGCAGTCTCGCATGTTCTTCTGCTGATCTGGTTCAAGACTGGCATTACAGACATCACCCCCAT
TGTGCCACTGGACAGGGAGACCCAGGCACAGCCCTTGGATGGCGACCACAATCTGGGCAGCCCGGAACCG
TCATATGTGGGAAACGGTCAAACAGAGTGGTGCGAACCCTCCAGAACAGCCCATCCCTGCACTCGAGGC
ACTGGGGAGCCCCCAGCAGCGGGAAATTCGGCAGAAACAACAGCAGGAGGAACTGAGCACACCCCAAC
ACCTCTGGGACTGCAGGAGACATTGCAGAGTCTTTGTATATCGCCCGGCCCTGCTGCACTTGTCTCAGC
CTGGGCTTATGGGGTCAAGCATCGTGGCACCCCTGGCTCCTGTCTGGTGTGGTGGATATGACTAGCCTGA
GTCTCTGAGCGACAGGAAGAATTGACCCGAGGGAGCGGCTGGAAGTGGAGCGCCGACAAATCCTGCT
GCTGTACTACCTATTGCGCTCACCGTCTATGACCGCTTCTGAAGCCAAGATCCTCTTCTGCTTCAG
CTGCTTGACAGCACATCCCTGGCATTGCCTGGTGGCAAGGCCACTCATGGACTACCTGCCCTCCTGGC
AGAAAATATATTCTACAGTTGGGGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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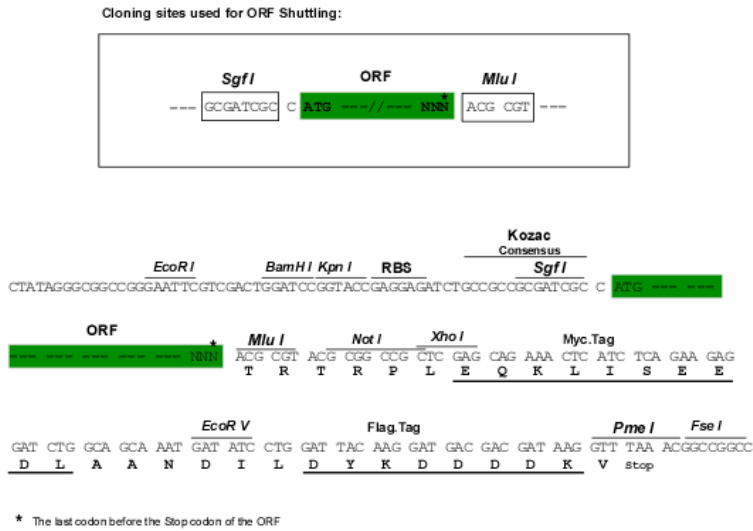
Protein Sequence: >RR205643 representing NM_001012088
 Red=Cloning site Green=Tags(s)

MRKLGGNLDLPFKVASPIPTSCLSWCTLPLTCLCCSMTGSFGRSFEKKLPVLSQQKLLTWL SVLECEV
 FMEGAAKVGVEVGRWL VIALIQLAKAVLRMFLLIWFKGTGTSPPIVPLDRETQAQPLDGDHNLGSP
 SYVYKRSNRVVRTLQNSPSLHSRHWGAPQQREIRQKQQEELSTPPTPLGLQETIAESLYIARPLHL
 LLS LGLWGQRSWAPWLLSGVVDMTSLSLSDRKNLTRRERLELRRRTILLLYLLRSPFYDRFSEAKIL
 FLLQ LLADHIPGIGLVARPLMDYLPWQKIYFYSWG

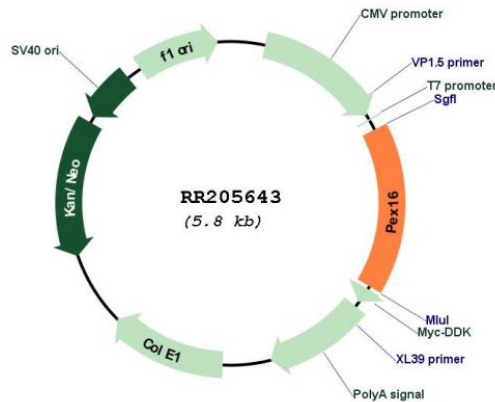
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001012088

ORF Size: 936 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_001012088.1 , NP_001012088.1
RefSeq Size:	1236 bp
RefSeq ORF:	939 bp
Locus ID:	311203
Cytogenetics:	3q24
MW:	35.6 kDa