

Product datasheet for **RR203983**

Pex13 (NM_001107242) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pex13 (NM_001107242) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Pex13
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR203983 representing NM_001107242
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCTCCAGCCGCCGCCCTCCAAACCCTGGGAGACCCGCCGAATCCCGGGGCCGGCCCTGGGC
CGGGCCCCGCCCACTTTCCAATCTGCTGACTTGGGCCCTACTTTATTGACAAGACCTGGACAACCAAC
GCTTACCAGAGTGCCTCCACCTATTCTTCCAGGCCGTCCAGCAGACAGGCGGCAACAATGTGAACACT
TTCAGACCTGCTTACAGTTCATTCTCATCTGGATATGGAGCCTATGGAAATGCGTTCTACGGAAGCTATA
GCCCGTATAGTTACGGATACAATGGTTTGGGCTTTAACCGCCTCCGAGTAGATGATCTTCTCCAGTAG
GTTTGTCCAGCAAGCTGAAGAAAGCAGCAGAGGTGCCTCCAGTCCATTGAGAGCATCGTGCATGCGTTT
GCCTCGGTGAGCATGATGATGGATGCCACTTCTCAGCCGTCTACAACAGCTTCAGGGCTGTCTTGGACG
TAGCAAACCACTTTCCCGGCTAAAGATACACTTCACCAAGGTTTTTTCAGCCTTTCGTTAGTGAGGAC
TATAAGATATCTTTATAGACGGTTACAGTGGATGATGGGTTTAAAGGAGAGGCTCTGAGAACGAGGACCTA
TGGGCAGAAAGTGAAGAACTGTGGCCTGCCTTGGTGCCGAGGACCAAGCAAATAACTCAGCAAAATCTT
GGCCAATATTCTGTTCTTTGCTGTCATCCTTGGTGGTCTTATCTCATCTGGAAACTTCTGTCTACACA
TAGCGATGAAGTAACAGACAGCACCAACTGGGCAACCGGTGAGGACGACCATGTAGTTGCTAGAGCAGAA
TACGACTTTGCCGCTGTGCTGATGAAGAAATTTCTTCCGTGCTGGTATATGCTAAATCTAGCCCTCA
AAGAACAACAACCAAGTGCCTGGCTGGCTTCTGGCTAGTCTTGACGGTCAAACAACAGGACTTATACC
TGCAAAATTATGTCAAAATTTCTGGTAAAAGAAGAGGCAGAAAAACAGTAGAATCGAGTACAATGCCCAAG
CAGCAACAGTCTTTTACCAACCAACATCAGTTAAAGGAGTCACTACCACCAATCTTTGGAGGAACAGG
AAGCTGCCTTTGAATCTGTTTTGTTGAACTAATAAGGTTGCCGGTACACCTGATTCTACAGGGAAAAA
TGGAGACAAACAAGACCTT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR203983 representing NM_001107242
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MASQPPPPKWPETRRIPGAGPGPGPTFQSADLGPILLTRPGQPTLTRVPPPIPRPSQQTGGNNVNT
 FRPAYSSFSSGYGAYGNAFYGSYSPYSYGYNGLGFNLRVDDLPPSRFVQQAESSRGAFQSIESI VHF
 ASVSMMDATFSAVYNSFRAVL DVANHF SRLKIHFTKVFSAFALVRTIRYLRRQLQWMMGLRRGSENE
 DLWAESEGTVAELGAEDQANNSAKSWPIFLFFAVILGGPYLIWKLLSTHSDEVTDSTNWANGEDDHVVARAE
 YDFAAVSDEEISFRAGDMLNLALKEQQPKVRGWLLASLDGQTTGLIPANYVKILGKRRRGRKTVESSTMPK
 QQQSFTNPTSVKGVTTTNSLEEQEAAFESVFEVETNKVAGTPDSTGKNGDKQDL

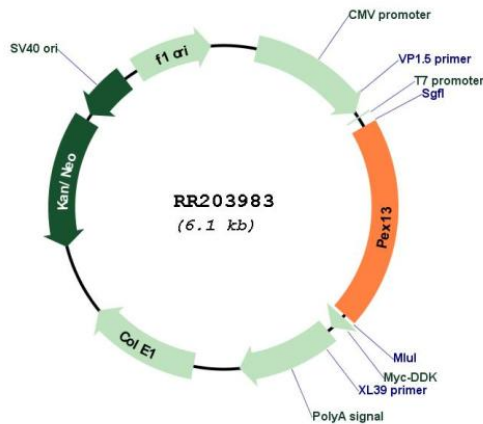
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001107242

ORF Size:	1209 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_001107242.2 , NP_001100712.1
RefSeq Size:	1731 bp
RefSeq ORF:	1212 bp
Locus ID:	305581
Cytogenetics:	14q22
MW:	44.3 kDa