

Product datasheet for **RN208776**

Pex14 (NM_172063) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pex14 (NM_172063) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pex14
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN208776 representing NM_172063 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGTCTCGGAGCAGGCAGAGCAGCCGAACCAGCCAGCTCTTCTCCAGGAAGTAAAAATGTGGTGCC
CTCGAGAGCCTCTGATTGCCACAGCAGTGAAGTTCCTACAGAACTCTCGGGTCCGGCAGAGCCCACTTGC
GACCAGGAGAGCATTTCCTAAGAAGAAAGGGCTGACAGATGAAGAGATTGACCTGGCTTCCAGCAGTCG
GGCACTGCTTCCGACGAGCCTTACCCGTGGGCCAGCTACCCCGTGGTTCCTGTCCAGCCCCCTCACC
TCATTTACAGCCATACAGCCCCGAGGTTCCCGATGGCGAGATTACGGTGCCTTGGCCATCATCTGGC
AGGAATTGCATTTGGCTTCCACCAGCTCTACAAGAAGTACCTGCTGCCCTCATCCTGGGAGGCCGAGAG
GACCGGAAGCAGCTGGAGAGGATGGCGGCGAGTCTCTCGAACTGAGTGGCAGTGTGCCAGACAGTGA
CTCAGGTACAGACAACACTGGCCTCTGTCCAGGAGCTACTGAGACAGCAGCAGCAGAAGTCCAGGAGCT
AGCCCATGAGCTGGCCGCTGCCAAGGCTACCACATCAACCACTGGATCCTGGAGTCCAGAATATCAAT
GAGCTCAAGTCAAAAATCAACTCTCTGAAAGGACTTCTTCTGAATCGGAGACAGTTCCTCCCTCCCGT
CAGCCCCGAAGATCCCCTCCTGGCAGATCCCAGTGAAGTCTCCGTACCCTCCAGCCCCGGCCGTGAA
CCACCACAGCAGCAGTGACATCTCCCCTGTGAGCAATGAGTCTCCGTCTCCTCTCCAGGGAAGGACGGC
CACAGCCCTGAGGGCTCCACAGCCACATACCGCCTGCTGGGGCCTCAGGAAGAGGGGGAAGGGGTGATGG
ACGTCAAGGGCCAGGTGAGGATGGAGGTGCAAGGGGAGGAGGAGAAGAGGGAGGACGAGGAGGGCGAGGA
GGATGAGGATGATGACGTGAGCCACGTGGATGAAGAGGACGTCTCGGGGTACAGAGGGAGGACAGACGG
GGCGGGATGGGCAGATCAATGAGCAGGTAGAGAAGCTGCGGGCCAGAGGGGCCAGCAATGAGAGTG
AGCGAGACTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_172063



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Insert Size:	1131 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<u>NM_172063.1</u> , <u>NP_742060.1</u>
RefSeq Size:	1903 bp
RefSeq ORF:	1131 bp
Locus ID:	64460
UniProt ID:	<u>Q642G4</u>
Cytogenetics:	5q36
Gene Summary:	interacts with Pex5 and Pex7; plays a role in peroxisome biogenesis [RGD, Feb 2006]