

Product datasheet for RN205418

Pex12 (NM_053921) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pex12 (NM_053921) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pex12
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN205418 representing NM_053921 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTGAGCATGGGGCTCATATCACAACCTGCTTCGGTGGCGGACGACCAGCCATCCATCTTTGAGGTGG
TAGCACAGGACAGTTTAAATGACAGCAGTGAGACCCGCTCTTCAGCATGTGGTCAAGGTTCTTGCAGAATC
AAATCTGCGCACTATGGCTTCTTTGGAGGTGGTTTGATGAAATCTTCACTCTGCTAGACTTTCTGCTC
CAGCAGCATTATCTTTCTAGAACTAGTGCCTCATTTTCTGAACACTTTTATGGGTTAAAGCGGATTGTAG
CGGGGAGCTCGCCGAGCTTCAGAGACCAGCCAGTGTCTGGCTCCCAAGGAACACCTCTGGAAATCCGC
TATGTTCTTGTCTTCTCCCTATCTGAAAGTGAAGCTGGAGAAGCTGGCTTCTACCTTGAGAGAAGAA
GACGAATACTCTATTCACCCCTTCTTCTCACTGGAAACGATTCTACAGAGTCTTCTGGCTGCCTACC
CGTTTGTACCATGACCTGGGAAGGCTGGTTTCTTACACAACAACCTTCGGTACATATTGGGAAAAGCTGA
GCATCACTCTCCCTGCTGAAACTGGCTGGAGTTCGGCTAGGTCGACTGACAGCTCAGGACATACAAGCT
ATGGAACACAGACTGGTTGAAGCCAGTGAATGCAGGAGCCCGTCAGAAGCATTGGTAAGAAGATAAAGT
CAGCACTGAAGAAAGCTGTGGGAGGTGTGCCTTATCCCTCTCTACTGGCTCTCTGTGGGTGATTCTT
CCTGCAGTTTCTGACTGGTGGTACTCTTCTGAGAACCAAGAGACCATCAAGTCACTGACTGCCCTGCC
ACTCCACCACCACCTGTGCACCTCGACTACAACCTGATTCTCCCTCTTACCCAAAATGAAAACAGTGT
GCCCACTGTGTCGTAAGCTCGGGTCAATGATACGGTTCTTGCCACCTCTGGCTATGTATTCTGTTACCG
CTGTGTGTTTAAATTATGTGAGAAGTCACCAAGCCTGTCCCATACAGGGTATCCAACGGAAGTCCAGCAT
CTAATTAACCTACTCTCCAGAGAACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_053921



[View online »](#)

Insert Size:	1080 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:	NM_053921.1 , NP_446373.1
RefSeq Size:	2347 bp
RefSeq ORF:	1080 bp
Locus ID:	116718
UniProt ID:	O88177
Cytogenetics:	10q26
Gene Summary:	required for peroxisome biogenesis; functionally complements the mutation in fibroblasts from patients with Zellweger syndrome of complementation group III [RGD, Feb 2006]