

Product datasheet for RN213122

Pex2 (NM_017234) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pex2 (NM_017234) Rat Untagged Clone
Tag: Tag Free
Symbol: Pex2
Synonyms: Pxmp3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN213122 representing NM_017234
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCTGCCAGAGAAGAGAGTACACAAAGTGCCAACAGAGTGCTGAGGATAAGTCAGCTGGATGCACTGG
AACTGAATAAGGCCCTGGAGCAGCTCGTGTGGTCCCAGTTTACTCAGTGTTCATGGATTAAGCCAGG
ACTGTTAGCTCGCTTTGAGCCAGAAGTAAAGCATTCTGTGGCTTTTCTGTGGAGTTACCATCTAT
TCCAAAAATGCCACTGTGGGGCAGTCGGTTTTAAATATTCAGTACAAAAATGATTCTTCTCCAACCCAG
TATACCAACCACCAAGTAAAAATCAGAACTGTTGTATGCTGTGTGCACTATTGGGGGGAGGTGGTTAGA
AGAACGATGTTACGATTTGTTTCCAAACCGACATTTAGCATCTTCGGGAAAGCCAAACAGTGCATGAAT
TTTGTGGTTGGACTTTTAAAAATTAGGTGAGTTGATGAACCTTTGATTTTTCTACAAAAGGAAAGTTTG
CAACTTTGACAGAACGCCTCCTTGGCATTCTTCTGTATTTTGAAGCCCCAGAGCATGCGTGAAGTTGG
CTTCGAGTACATGAATAGGGAATCTCTGGCATGGCTTTGCCGAATTTCTGGTTTTCTCTTACCGCTC
ATCAATATCCAGAAGTTGAAAGCCAAGTTGTCTTCCTGGTGCATCCCCCTACCAGCACTGCTGGTAGTG
ACAGTACACTAGGCAGCAGTGGAAAAGAGTGTGCTCTATGTGGAGAGTGGCCACAATGCCTCATACTAT
TGGATGTGAGCATGATTTTGTACTACTGTGTTAAGAGTAGCTTCTATTTGACATGACTTTACGTGC
CCTAAGTGTGGCACAGAAGTGCACAGTGTGCAGCCACTGAAATCAGGAATTGAAATGTCAGAAGTAATG
CTCTTTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_017234
Insert Size: 918 bp



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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_017234.1 , NP_058930.1
RefSeq Size:	1623 bp
RefSeq ORF:	918 bp
Locus ID:	29534
UniProt ID:	P24392
Cytogenetics:	2q23
Gene Summary:	may play a role in peroxisome biogenesis and assembly [RGD, Feb 2006]