

Product datasheet for **RN205136**

Por (NM_031576) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Por (NM_031576) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Por
Synonyms:	CYPOR
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205136 representing NM_031576
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGGGGACTCTCACGAAGACACCAGTCCACCATGCCTGAGGCCGTGGTGAAGAAGTGTCTCTATTCA
 GCACGACGGACATGGTTCTGTTTTCTCTCATCGTGGGGTCTGACCTACTGGTTTCATCTTTAGAAAGAA
 GAAAGAAGAGATACCGGAGTTCAGCAAGATCCAAACAACGGCCCCACCCGTCAAAGAGAGCAGCTTCGTG
 GAAAAGATGAAGAAAACGGGAAGGAACATTATCGTATTCTATGGCTCCCAGACGGGAACCGCTGAGGAGT
 TTGCCAACCGGTGTCCAAGGATGCCACCCTACGGGATGCGGGGCATGTCCGACAGCCCTGAAGAGTA
 TGACTTGGCCGACCTGAGCAGCTGCCTGAGATCGACAAGTCCCTGGTAGTCTTCTGCATGGCCACATAC
 GGAGAGGGCGACCCACGGACAATGCGCAGGACTTCTATGACTGGCTGCAGGAGACTGACGTGGACCTCA
 CTGGGGTCAAGTTTGTGTATTTGGTCTTGGGAACAAGACCTATGAGCACTTCAATGCCATGGGCAAGTA
 TGTGGACCAGCGCTGGAGCAGCTTGGCGCCAGCGCATCTTTGAGTTGGGCCTTGGTGATGATGACGGG
 AACTTGAAGAGGATTTTCATCACGTGGAGGGAGCAGTTCTGGCCAGCTGTGTGCGAGTTCTTTGGGGTAG
 AAGCCACTGGGGAGGAGTCGAGCATTCCGCAATGAGCTCGTGGTCCACGAAGACATGGACGTAGCCAA
 GGTGTACACGGGTGAGATGGGCCGTCTGAAGAGCTACGAGAACCAGAAACCCCTTCGATGCTAAGAAT
 CCATTCCTGGCTGCTGTACCCGCAACCGGAAGCTGAACCAAGGCACTGAGCGGCATCTAATGCACCTGG
 AGTTGGACATCTCAGACTCCAAGATCAGGTATGAATCTGGAGATCACGTGGCTGTGTACCCAGCCAATGA
 CTCAGCCCTGGTCAACCAGATTGGGGAGATCCTGGGAGCTGACCTGGATGTCATCATGTCTCTAAACAAT
 CTCGATGAGGAGTCAAACAAGAAGCATCCGTTCCCTGCCACCACTACCGCAGCGCCCTCACCTACT
 ACCTGGACATCACTAACCAGCAGCAACCAATGTGCTCTACGAACTGGCAGTACGCTCAGAGCCCTC
 GGAGCAGGAGCACCTGCACAAGATGGCGTCATCCTCAGGCGAGGGCAAGGAGCTGTACCTGAGCTGGGTG
 GTGGAAGCCCGGAGGCACATCCTAGCCATCCTCCAAGACTACCCATCACTGCGGCCACCCATCGACCACC
 TGTGTGAGCTGTGCCACGCTGCAGGCCGATACTACTCCATTGCCTCATCCTCCAAGTCCACCCCAA
 CTCCGTGCACATCTGTGCCGTGGCCGTGGAGTACGAAGCGAAGTCTGGCCGAGTGAACAAGGGGGTGGCC
 ACTAGCTGGCTTCGGGCCAAGGAACCAGCAGGCGAGAATGGCGGCCGCGCCCTGGTACCCATGTTCTGTG
 GCAATCTCAGTTCGGCTTGCCCTTCAAGTCCACCACCTGTCATCATGGTGGGCCCGGCACTGGGAT
 TGCCCTTTCATGGCTTCATCCAGGAACGAGCTTGGCTTCGAGAGCAAGCAAGGAGTGGGAGAGACG
 CTGCTATACTATGGCTGCCGGCGCTCGGATGAGGACTATCTGTACCGTGAAGAGTAGCCCGCTTCCACA
 AGGACGGTGCCCTCACGAGCTTAATGTGGCCTTTCCCGGAGCAGGCCACAAGGTCTATGTCCAGCA
 CCTTCTGAAGAGAGACAGGGAACACCTGTGGAAGCTGATCCACGAGGGCGGTGCCACATCTATGTGTG
 GGGGATGCTCGAAATATGGCCAAAGATGTGCAAAACACATTCTATGACATTGTGGCTGAGTTCGGGCCCA
 TGGAGCACACCCAGGCTGTGGACTATGTTAAGAAGCTGATGACCAAGGGCCGCTACTCACTAGATGTGTG
 GAGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_031576

Insert Size: 2037 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_031576.1</u> , <u>NP_113764.1</u>
RefSeq Size:	2441 bp
RefSeq ORF:	2037 bp
Locus ID:	29441
UniProt ID:	<u>P00388</u>
Cytogenetics:	12q12
Gene Summary:	plays a role in electron transport [RGD, Feb 2006]