

Product datasheet for **RN207465**

Pter (NM_022224) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pter (NM_022224) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pter
Synonyms:	Rpr-1; Rpr1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN207465 representing NM_022224 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCTTCCTTAAGTGGAAAAGTACAAACAGTTCTGGGCCCCGTAGAACCAGCCAACCTGGGACGCACCC
TGACCCATGAGCATCTGACGATGGCCTTTGACAGTTTTTATTGCCACCTCCTCCATGCCAGGAAGCTGC
CTCCAGGGAACCTATCATGATGAAAAATTTATTTGGATTGAGAAAAATCCTTACTCCCATCAAGAGAAT
CTTCAGTTGAATCAGGAGGTAGAAGCCGTAAGAGAAGAACTGTTGTATTTCAAGGCTAAGGGCGGAGGAG
CCGTGGTGGAGAACACGACCACTGGACTCAGCAGGGATGTGCGTACGCTGAAGTGGCTGGCAGAGCAGAC
TGGAGTCCACATCATAGCTGGTGTGGTTTTACGTAGACGCAACTCACTCTGCAGCAACCAGAGCCATG
TCGGTGGAGCAGCTTACAGATGTCTCATTAGTGAAATTCCTCATGGAGCTGACGGCACCAGTATCAAGT
GTGGAGTTATTGGAGAAATTGGCTGTTCTGGCCTTTGACTGACAGCGAGAGAAAGGTACTTCAGGCTAC
GGCTCACGCCCAAGCTCAGCTTGTTGTCCGGTGATCATCCACCCTGGACGGAACCCAGGTGCACCATTC
CAGATCATCCGAGTACTGCAAGAAGCAGGGGCGGACATCTCTAAAACGGTCATGTCCACCTTGACAGGT
CTATATTTGATAAGAAAGAGCTGCTGGAGTTTGCTCAACTGGCTGCTACTTGGAATATGATCTCTTTGG
TACGGAGCTCCTTAATTACCAGCTAAGCCAGATATTGATATGCCTGATGATAACAAAAGAATTAGAAGG
GTCCGTTTTCTGGTGAACGAAGGCTATGAAGATCGGATTCTCATGGCACACGACATACACACAAAGCATC
GACTGATGAAGTACGGAGGTACGGCTACTCACACATCCTCACCAACGTCGTTTCTAAGATGCTCCTCAG
AGGTCTGACTGAGAGGGTGCTTGATAAGATACTCAGAGAAAACCTAAACAATGGCTGACTTTTAAATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_022224
Insert Size:	1050 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:	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_022224.2</u> , <u>NP_071560.2</u>
RefSeq Size:	2111 bp
RefSeq ORF:	1050 bp
Locus ID:	63852
UniProt ID:	<u>Q63530</u>
Cytogenetics:	17q12.3
Gene Summary:	binds resiniferatoxin, which desensitises nociceptive neurons; may play a role in resiniferatoxin toxicity [RGD, Feb 2006]