

Product datasheet for **RN210139**

Epor (NM_017002) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Epor (NM_017002) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Epor
Synonyms:	MGC108723
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210139 representing NM_017002
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACAACTCAGGGTGGCCCGCTGGCCTCGGGTTAGCCCCCTGTGTCTCTACTTGTGGGGCAGCCT
 GGGCATCCTCACCCAGCCTCCCGGACCCCAAGTTTGAGAGCAAAGCCGCCCTGTGGCATCCCGGGGCTC
 CGAAGAATTCTATGCTTCAACCCAGCGCTTGAAGACTTGGTGTGTTTCTGGGAGGAAGCGGCGAACTCC
 GGGATGGGCTTCAACTACAGTTCTCTTACCAGCTCGAAGGTGAATCAAGAAAGTCATGTCGCCTGCACC
 AGGCGCCACCGTCCGCGGCTCCATGCGTTTCTGGTGTCACTGCCGACCGGGACAGTCGAGTTTTGT
 GCCACTGGAGTGCAGGTGACCGAGGCCTCCGGATCTCCTCGCTACCACCGCATCATCCATCAATGAA
 GTAGTGTCTGGACGCCCGCGGGGCTGTGGCGGCCGAGCAGAAGAGGGCAGCCACGTGGTGTGTC
 GGTGGTGCACCTCCCGGGGCTCCTATGACCACCCACATCCGCTACGAGGTGGACGTGTCAGCAGGCAA
 CCGGGCTGGGGGACACAAGGGTGGAGTCTGGAAGCCGCACTGAGTGTCTCCTGAGCAACCTCGCG
 GCGGGGACGCGCTACACCTTCGCTGTTGAGCAGCATGGCCGAGCCGAGCTTCAGCGGATTCTGGAGCG
 CCTGGTCTGAGCCCGCTCGCTACTGACTGCTAGCGACTTGGACCCTCTCATCTTGACGCTGTCTCTCAT
 TCTCGTCTCATCTCACTGTTGCTGACTGTGCTGGCCCTGCTGTCCCACCGCCGGGCTCTGCGGCAGAAG
 ATCTGGCTGGCATCCCAAGCCAGAGAATGAGTTTGAGGGTCTCTTACCACCCACAAGGGTAACCTCC
 AGCTATGGCTGTTGCAACGCGATGGCTGTCTGTGGTGGAGCCCAAGTAGCCCTTCCCTGAGGATCCACC
 TGCCACCTAGAGGTCTCTCAGAGCGACTGGGGAGTACTCAGGCTGGGGATGCAGGGGACAGGAC
 AAGGGGCCCTTACTGGAGCCAGTGGGCAGTGGCGGGCCAGGACACCTACCTGGTATTGGATGAATGGT
 TGCTACCCCGGTGCCATGCAGTGAGAACCTCTCTGGCCCTGGGGACAGTGTAGACCTGCGACTATGGA
 TGAAGGTTCAGAAACATCTTCTGCCCCCTGACTTGGCTTCAAAGCCAGGCCAGAGGGCACCTCGCCT
 TCAGCTTTGAGTACACCATCTGGACCCAGCTCTAAGCTCCTGTGCCCTCGGGCACTGCCTCCTGAGC
 TACCCCCACTCCACCTCACCTGAAGTACCTGTACCTTGTGGTGTCCGATTCCGGCATCTCAACAGATTA
 CAGCTCAGGGGGCTCCAGGGAGTCCACGGGGACTCATCTGACGGCCCTACTCCACCCCTATGAGAAT
 AGCCTTGTCCAGACACAGACCTCTGCGGCCAGCTACGTGGCCTGCTCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_017002

Insert Size: 1524 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: [NM_017002.2](#), [NP_058698.2](#)

RefSeq Size: 1794 bp

RefSeq ORF: 1524 bp

Locus ID: 24336

Cytogenetics: 8q13

Gene Summary: binds erythropoietin and induces an increase in cytosolic calcium ion concentration [RGD, Feb 2006]