

Product datasheet for **MC221777**

Epc2 (NM_172663) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Epc2 (NM_172663) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Epc2
Synonyms:	5830499L14; D2Ertd694e
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221777 representing NM_172663
 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGTAAACTCTCCTTCGAGCGGGGCTGGACGCCCAAACCGCTGCCCATCTACCGCGGAAGG
 ACATGCCTGATCTCAACGACTGCGTCTCCATCAACCGGGCGTGCCCAAGATGCCACCGGGATGGAGAA
 GGAGGAGGAATCGGAACATCACCTACAGCGAGCTATTTACAGCGCAGCAAGTATTTAGAGAAAAAAGAG
 AGCATGGTCATTCCAGTTCCTGAGGCAGAGAGCAACGTCAACTATTACAATCGCTTGACAAAGGGGAGT
 TCAAACAGCCCAAGCAGTTCATTATATTCAGCCTTTTAACTAGACAACGAGCAACCAGATTATGATAT
 GGATTCAGAAGATGAGACATTATTAATAGACTTAACAGAAAAATGAAAATTAACCTTTGCAATTTGAA
 ATTATGATTGACAGACTGAAAAAGCCAGTTCTAACCAGCTTGTAACTTCAAGAAGCAAACTGCTGC
 TAAATGAAGATGATTATCTTATTAAGCTGTATATGACTACTGGGTGAGAAAACGAAAGAACTGCAGGGG
 GCCATCCCTCATTCCCCAGATTAAGCAAGAGAAAAAGAGATGGCTCTACCAACAATGATCCTTACGTTGCC
 TTTCCGGAGGAGAACAGAGAAAAATGCAGACTCGGAAGAACCCTAAGAATGATGAAGCTTCTATGAAAAGA
 TGCTGAAGCTGAGCGGGAGTTCAGCAGAGCCATAACAATTTTGAAAATGATTAAGAGAAGAGAAAAAAC
 CAAACGGGAATTTGCACTTAACACTGGAAGTTGTGAAAAAAGATATCATTGGGAGACTATGGGGGT
 GAAATCCTTAATGAAGTGAAGTTAATAGATCAGAAAAAGAGTTATATGCCAGTCCAGCAACCCCTCATA
 ATGAAATCATCACAAGTTCAAGAATGTAAAATAAGCACCCCTCATCTTTGTCTTTGAAAAGAGAGGC
 TTCTGATGTGGTTCGTCAAAAGAAGAAGTACCCAAAGAAGCCTAAGGCAGAGGCTGGGATAGCCCTCAG
 CAGCCACTCCTGAGACATTGCCTGTGATCAATAAGAGTGACATTAAGCAATATGACTTTCAGAGCTCAG
 ACGAAGATGAATTTCCACAGGTGCTGCTCCAGCTTCAGAGGCTGAGGAGGAGAATGACCCTGACGTTCC
 CTGTGCTTTTCAGAAGACGGGCAGGATGCCAGTATTACGCTCCGCTTTGGACCAAGCTAATAACCATATG
 TGTGAAAATTCAGAGTTGGCAGACTTGGATAAGTTGAGGTATAAGCATTGTCTTACGACACTTACAGTTC
 CAAGAAGATGTATAGGATTTGCAAGGAGGCGAATTGGCAGAGGTGGCAGGGTCATAATGGACCGAATATC
 CACAGAACATGACCCCGTCTGAAACAGATAGACCCTGAGATGCTGAACGGGTTTTCAAGCTCTTCCCAA
 ACTATAGACTTTTCTTAATTTCTCTCGGACCAATGCTTCCAGTAAACCTTGTGAAAATAGACTGTCTC
 TTTCTGAAATATTAAGCAATATCAGATCATGTCGACTACAGTGTTCAGCCAAGGCTACTAAATGTACA
 GGACATTGATAGTGAAGAATGTACCTCAAGAAAACCAGGGCAGACTGTGAGCAGTAAAAGAGTTTCTGCA
 GCATCCGTAGCTTTATTGAACACCAGCAAGAACGGCATATCAGTAACAGGGGGCATCACAGAAGAGCAGT
 TTCAGACACATCAACAGCAGCTAGTTCAAATGCAAGGCAGCAACTTGCGCAGCTTCATCAGAAAACAACA
 ATCCCAGCATTCTCACAGCAGACACATCCAAAAGCACAGGGCTCAAGCACCTCTGACTGTATGTCTAAA
 ACACTTGACTCAGCCAGCGCCCACTTTGCTGCATCTGCAGTGGTCAAGTGTCTCTGTTTCAAGTCCGAGTG
 AGGGATCCAAGGAACAGAACTGGCCACAACAATATGAATGGTGTGTCCAGCCTTCAGGACCCCTTAA
 AACATTATATCCACCAATATGGCTTTATCATCCAGCCAGGGATTTTCAGCTGTACAGCTTGAAGGACA
 GTTGGCCACACTACTACAAACCACTTGATCCCAGCGTTGTGCACAAGCAGTCTCAGACACTTCCCATGA
 ACAATTCCTGCCTGACCAATGCAGTGCACCTCAATAACGTCAGTGTGTTTCTCCTGTCAATGTGCATAT
 CAATACACGGACTTCAGCACCATCGCCAACAGCCTTAAAACCTTGCACAGTTGCTGCCAGCATGGACAGA
 GTGCCAAAGTTACTCCCAGCAGTGCCATCAGCAGCATAGCCAGAGAGAACCATGAACCAGAAAGACTGG
 GTTTAAATGGAAGTACAGAGACAACAGTAGCTATGGAGGTGACATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1618_a07.zip

Restriction Sites: SgfI-MluI

ACCN: NM_172663

Insert Size: 2427 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_172663.4 , NP_766251.3
RefSeq Size:	4358 bp
RefSeq ORF:	2427 bp
Locus ID:	227867
UniProt ID:	Q8C0I4
Cytogenetics:	2 28.62 cM
Gene Summary:	May play a role in transcription or DNA repair.[UniProtKB/Swiss-Prot Function]