

Product datasheet for **SC201990**

EPOR (NM_000121) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: EPOR (NM_000121) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: EPOR
Synonyms: EPO-R
ACCN: NM_000121
Insert Size: 807 bp
Insert Sequence: >SC201990 3'UTR clone of NM_000121
The sequence shown below is from the reference sequence of NM_000121. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTGCCCCCAGCTATGTGGCTTGCTCTTAGGACACCAGGCTGCAGATGATCAGGGATCCAATATGACTC
AGAGAACCAGTGCAGACTCAAGACTTATGGAACAGGGATGGCGAGGCCTCTCTCAGGAGCAGGGGCATT
GCTGATTTTGTCTGCCAATCCATCCTGCTCAGGAAACCAACCTTGCAGTATTTTAAATATGTATA
GTTTTTTTTGTATCTATATATATATACACATATGTATGTAAGTTTTTCTACCATGATTTCTACAAA
CACCCTTAAGTCCCATCTTCCCCTGGGCATAGGCCATAGGGATAGAAGTTAAAGTTCTTGAGCTTATT
CAGAAGCTGGATCTGCAATCTGAATGCTACTCATAACATAACAAAATAGTATGTTAAACAGCTCTTAAA
TCTTACTGGCTTACCACATTAATGATTTCTCTCTCCTAACTCAGCTCAAATGGGCAGCCATCCATGGG
ATGAGTCAGAGGTTCCAGACTCTCCAGTCTGTAGCTCTACCTTCTTAGGGTACTTAGATGGATCCCC
TGTTCTACAACTGCCAGTCAGCAAGGGAAGAAAAGGGCAGCAATGACCCTCAATGGGCCATTTGAGG
GATCTGGCCTGGAAATGGGCTTCTCTCTCTCTCACACCTCACTGGCTGGAAACAGTCACATGACCC
CAGTCACATGAAAGGCCAGGAACTTAGTTAGCTGTACACCCAGGAAGGCAAAGCTGTTAAAGGCC
ACTAGCTAGTCTCTGCCACTAATAATAATAAAAGTAATTCTGAATCAG
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_000121.4</u>
Summary:	This gene encodes the erythropoietin receptor which is a member of the cytokine receptor family. Upon erythropoietin binding, this receptor activates Jak2 tyrosine kinase which activates different intracellular pathways including: Ras/MAP kinase, phosphatidylinositol 3-kinase and STAT transcription factors. The stimulated erythropoietin receptor appears to have a role in erythroid cell survival. Defects in the erythropoietin receptor may produce erythroleukemia and familial erythrocytosis. Dysregulation of this gene may affect the growth of certain tumors. Alternate splicing results in multiple transcript variants.[provided by RefSeq, May 2010]
Locus ID:	2057
MW:	31.2