

Product datasheet for **SC216584**

Lamin B Receptor (LBR) (NM_002296) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Lamin B Receptor (LBR) (NM_002296) Human 3' UTR Clone
Symbol:	Lamin B Receptor
Synonyms:	C14SR; DHCR14B; LMN2R; PHA; PHASK; TDRD18
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002296
Insert Size:	1831 bp



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Insert Sequence: >SC216584 3'UTR clone of NM_002296
 The sequence shown below is from the reference sequence of NM_002296. 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
CCCTACCGTATATTTCCATACATCTACTAATGCTCTTCTGGCTTTTCTACAAAATACTCCTGCAATTCC
AGCTGCCATTTGCAAAAACAAGGAAAAAATCCGAACTTTCTTTTGTGCACTGACAGGGTCTGTACT
TTTTTTTTCTTTTGTAGTCAGGACTATGGAGCCGAGTAGTTGATCTTTAATATAGCCGTGTTACTT
GTATTAACCTACAGTTAACATAGGAAAAATACAAGTAAGGATGTGAGAATTTGCATTTAATGGGAAAT
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TGTTCCATTTAAGTACATTTATGTTTTATTTCAGTAAGAGAATAGAATTTTCATTTGTTTTCTTTAAA
TCCTTTACTAATTATATAATTTGAAAGCAAAAAGAAGGGCCTATATTAATGCTGAAAGTAAAAGTGA
TGACATTATTAGCAGACTGCTTAAAGGAGACCATTTGTAGCAGTTGGCTTAACTCAACTTCTAAAA
CTACATTGAAAATGTAATACATAGCTTAGTTTTTGTAAATATATGGTGACTTCAGATTTTTTTGTACA
GTATTTTGAATGTGAGATGATTGTGAGGACTAACTGTCTTTTAAACAAAACATTTTCAGTATTTAAAT
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TTGCAGGTGTTTGTTCCTTTATAAATGTTGCAAAATAGAAAAAATAGAATAAGTATATATTTTTG
GAGTAACATCAATATTTAAACATTTTACACAGATCGGTGTTTGAATTTGCCATTTTCAGGCTAATAT
TTTTATATTTTTGACTTTTTAAAAGTTCATCAGTGTTTTTGCTACTGTTAAGCTTATGCAGTTTATA
CTGTATTTTTTATGTATCCTTTATATTTACCAAACCTGACTCCCTGTAAGGAGTCTGTCTTAAAAAC
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TGGGTTTTAATTACACATTTTATATAGAGCCATTTAGATATGCAGTGTAAATCTATACTGCATTTGA
AGTGTATGTAACCTAGCTTATGTTAATGCAGTCATGAAGTTGGTTTGTCCAGCATCCGGTAGCTTTA
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GGATATCAGCTACACTTTGTTTTAAGTTTGTTTTTGACATGTTTATTTGGCAAATTTTATAATGAAGT
TTTAAGTTGAAAATAAATGTAGCAACATTTTGATCA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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).

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: [NM_002296.4](#)

Summary:

The protein encoded by this gene belongs to the ERG4/ERG24 family. It localized in the nuclear envelope inner membrane and anchors the lamina and the heterochromatin to the membrane. It may mediate interaction between chromatin and lamin B. Mutations of this gene has been associated with autosomal recessive HEM/Greenberg skeletal dysplasia. Alternative splicing occurs at this locus and two transcript variants encoding the same protein have been identified. [provided by RefSeq, Jul 2008]

Locus ID:

3930

MW:

72.1