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Product datasheet for RC201990L2V

Lamin B Receptor (LBR) (NM_002296) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Lamin B Receptor (LBR) (NM_002296) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Lamin B Receptor
Synonyms:	C14SR; DHCR14B; LMN2R; PHA; PHASK; TDRD18
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_002296
ORF Size:	1845 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC201990).`
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_002296.2
RefSeq Size:	3837 bp
RefSeq ORF:	1848 bp
Locus ID:	3930
UniProt ID:	Q14739
Cytogenetics:	1q42.12
Domains:	ERG4_ERG24, TUDOR
Protein Families:	Druggable Genome, Transmembrane

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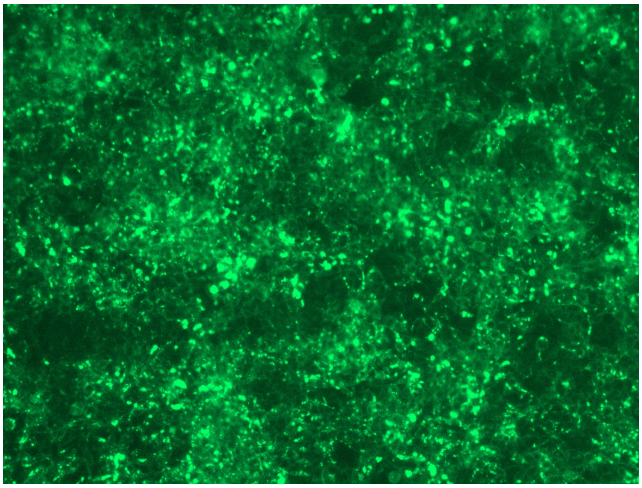
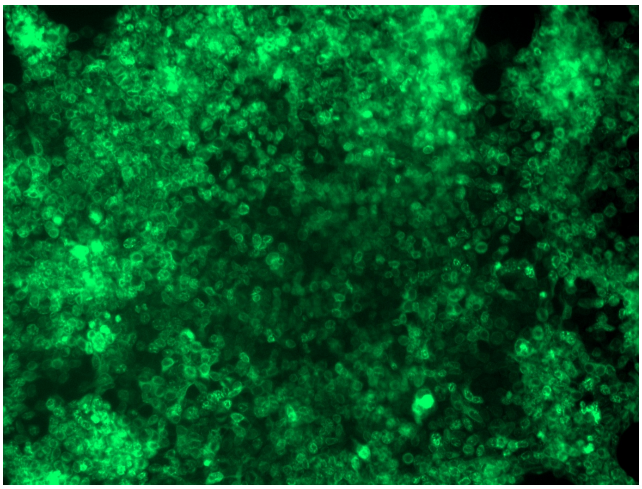
MW: 70.7 kDa

Gene 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]

Product images:



[RC201990L2] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC201990L2V particle to overexpress human LBR-mGFP fusion protein.



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