Product Datasheet

pCLNRX Retrovirus Expression Vector NBP2-29538

Unit Size: 10 ug

Store at -20C. Avoid freeze-thaw cycles.

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NBP2-29538

pCLNRX Retrovirus Expression Vector

Product Information	
Unit Size	10 ug
	Please see the protocols for proper use of this product. If no protocol is available, contact technical services for assistance.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Buffer	10 ug in 20 ul 1x TE (10 mM Tris, pH 7.5, 1 mM EDTA)

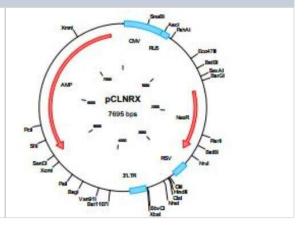
Product Application Details

Application Notes

The RetroMax system is designed for maximal virus titer in 293 cells. It takes advantages of two properties of 293 cells, i) high level of transfectibility, ii) strong E1A-mediated stimulation of CMV promoter controlled transcription. 293 cells are of nonmurine origin, hence the problem of selective packaging and transfer of VL30 genomes (present in all murine packaging cells) are avoided. Vector supernatants are free of helper virus and are of sufficiently high titer within 2 days of transient transfection in 293 cells to permit infection of more than 50% of dividing target cells in culture

Images

pCLNRX Retrovirus Expression Vector [NBP2-29538] - Schematic presentation of pCLXSN vector: CMV immediate early enhancer-promoter allows highefficiency transcription in 293 cells. However, this is lost during viral replication. Hence, the gene of interest cloned into Eco RI, Xho I, or Bam HI cloning site is driven by Moloney MLV and murine sarcoma virus LTR (RU5).





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This product is for research use only and is not approved for use in humans or in clinical diagnosis. Support products are guaranteed for 6 months from date of receipt.

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