

Product Datasheet

pCL-Eco Retrovirus Packaging Vector

NBP2-29540

Unit Size: 10 ug

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

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NBP2-29540**pCL-Eco Retrovirus Packaging Vector****Product Information**

Unit Size	10 ug
Concentration	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 Description

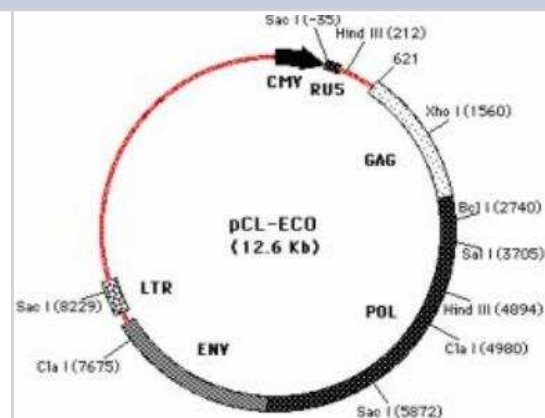
Species	Mouse, Rat
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 24760698). This product can be used in human cells to produce virions to infect non-human cells for protein production.
Specificity/Sensitivity	Ecotropic (MoMuLV) for mouse and rat cells only (not human). Amphotropic (from 4070A MuLV) for most mammalian cells (but not hamster). 10A1 (MuLV) for most mammalian cells (including hamster).

Product Application Details

Applications	Retroviral Production
Recommended Dilutions	Retroviral Production reported in scientific literature (PMID 24760698)
Application Notes	The plasmid DNA contains an ampicillin resistant gene. For large scale production, this plasmid may be amplified on LB plates containing 50 ug/ml ampicillin. The liquid cultures may be grown at 100 ug ampicillin/ml. For amplification, transform a suitable E. coli host such as HB101 or DH-5alpha and plate on LB plates containing 50-ug/ml ampicillin. For plasmid DNA preparation start culture from a single colony in LB medium containing 100 ug/ml ampicillin

Images

pCL-Eco Retrovirus Packaging Vector [NBP2-29540]



Publications

Jessica E. Pritchard, Juliette E. Pearce, Inge A.M. Snoeren, Stijn N.R. Fuchs, Katrin Götz, Fabian Peisker, Silke Wagner, Adam Benabid, Niklas Lutterbach, Vanessa Klöcker, James S. Nagai, Monica T. Hannani, Anna K. Galyga, Ellen Sistemich, Bella Banjanin, Niclas Flosdorf, Eric Bindels, Kathrin Olschok, Katharina Biaesch, Nicolas Chatain, Neha Bhagwat, Andrew Dunbar, Rita Sarkis, Olaia Naveiras, Marie-Luise Berres, Steffen Koschmieder, Ross L. Levine, Ivan G. Costa, Hélène F.E. Gleitz, Rafael Kramann, Rebekka K. Schneider Non-canonical Hedgehog signaling mediates profibrotic hematopoiesis-stroma crosstalk in myeloproliferative neoplasms *Cell Reports* 2023-12-20 [PMID: 38117649]

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Guo C Single-Cell Resolution Mechanistic Analyses of Direct Lineage Reprogramming *Arterioscler Thromb Vasc Biol* 2019-07-26 [PMID: 31340667]

Nazari M Plasmonically enhanced photonic inactivation of pathogens *Nanoscale* 2021-02-04 [PMID: 33538743]

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Pease NA, Nguyen PHB, Woodworth MA et al. Tunable, division-independent control of gene activation timing by a polycomb switch *Cell reports* 2021-03-23 [PMID: 33761349]

Qing Y, Dong L, Gao L, et al. R-2-hydroxyglutarate attenuates aerobic glycolysis in leukemia by targeting the FTO/m6A/PFKF/LDHB axis *Molecular cell* 2021-01-06 [PMID: 33434505]

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