

Product Datasheet

pCL-10A1 Retrovirus Packaging Vector

NBP2-29542

Unit Size: 10 ug

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

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NBP2-29542**pCL-10A1 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 1x TE (10 mM Tris, pH 7.5, 1 mM EDTA)
Product Description	
Species	Mouse, Mammal
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID:33168978) Human reactivity reported in scientific literature (PMID: 23973628)
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
Application Notes	AMPLIFICATION: 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. Use in retroviral production reported in multiple pieces of scientific literature.



Publications

Miyauchi S, Kim SS, Jones RN et al. Human papillomavirus E5 suppresses immunity via inhibition of the immunoproteasome and STING pathway Cell reports 2023-05-11 [PMID: 37171962]

Li JSZ, Abbasi A, Kim DH et al. Chromosomal fragile site breakage by EBV-encoded EBNA1 at clustered repeats Nature 2023-04-01 [PMID: 37046091]

Ahn CH, Oh KY, Jin B et al. Targeting tumor-intrinsic PD-L1 suppresses the progression and aggressiveness of head and neck cancer by inhibiting GSK3 β -dependent Snail degradation Cellular oncology (Dordrecht) 2022-11-28 [PMID: 36441378]

Kim M, Singh M, Lee BK et al. A MYC-ZNF148-ID1/3 regulatory axis modulating cancer stem cell traits in aggressive breast cancer Oncogenesis 2022-10-07 [PMID: 36207293] (RetVir)

Hussain S, Tran T, Ware TB et al. Ra1A and PLD1 Promote Lipid Droplet Growth in Response to Nutrient Withdrawal Cell Rep 2021-07-28 [PMID: 34320341]

Johnson CH, Fisher TS, Hoang LT, Felding BH. Luciferase does not alter metabolism in cancer cells. Metabolomics 2014-05-03 [PMID: 24791164]

Xie X, Gan T, Rao B et al. C-terminal deletion-induced condensation sequesters AID from IgH targets in immunodeficiency The EMBO journal 2022-04-26 [PMID: 35471583] (RetVir)

Ma L, Li W, Zhang Y Et al. FLT4/VEGFR3 activates AMPK to coordinate glycometabolic reprogramming with autophagy and inflammasome activation for bacterial elimination Autophagy 2021-10-10 [PMID: 34632918]

Shin JA, Kim LH, Ryu MH et al. Withaferin A mitigates metastatic traits in human oral squamous cell carcinoma caused by aberrant claudin-1 expression Cell biology and toxicology 2021-03-04 [PMID: 33665778]

Guarnaccia AD, Rose KL, Wang J, et al. Impact of WIN site inhibitor on the WDR5 interactome Cell reports 2021-01-19 [PMID: 33472061]

Kobayashi H, Hatakeyama H, Nishimura H et al. Chemical reversal of abnormalities in cells carrying mitochondrial DNA mutations Prog Neurobiol 2020-11-03 [PMID: 33168978] (IHC-P, Mouse)

Watanabe M, Saeki Y, Takahashi H et al. A substrate-trapping strategy to find E3 ubiquitin ligase substrates identifies Parkin and TRIM28 targets Commun Biol 2020-10-20 [PMID: 33082525] (RetVir)

More publications at <http://www.novusbio.com/NBP2-29542>





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