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DATA SHEET

Reagent:	Human NF-κB p49 Expression Vector (pRSV-NF-κB2 (p49))
Catalog Number:	2621
Lot Number:	94089
Release Category:	E
Provided:	1 vial ampicillin-resistant transformed XL-1 Blue bacteria.
Description:	Contains a 1498 bp *Hin*dIII-*Eco*RI insert encoding the NF-κB2 p49 gene.
Special Characteristics:	Directs the expression of the 49 kD active splice variant of p100 in eukaryotic cells. The 5' sequence is AAGCTT CACC **ATG** G, which contains a *Hin*dIII site, Kozak sequence (underlined) and methionine initiation site (bold). The GenBank Accession number for NF-κB2 (p49) is X61499. Plasmid Map
Recommended Storage:	-70°C
Contributor:	Dr. Gary Nabel and Dr. Neil Perkins
References:	Gorman, C., Padmanabhan, R. and Howard, B. H. (1983). High efficiency DNA-mediated transformation of primate cells. Science, 221(4610), 551-3. PUBMED Perkins, N. D., Schmid, R. M., Duckett, C. S., Leung, K., Rice, N. R. and Nabel, G. J. (1992). Distinct combinations of NF-kappa B subunits determine the specificity of transcriptional activation. Proc Natl Acad Sci U S A, 89(5), 1529-33. PUBMED Schmid, R. M., Perkins, N. D., Duckett, C. S., Andrews, P. C. and Nabel, G. J. (1991). Cloning of an NF-kappa B subunit which stimulates HIV transcription in synergy with p65. Nature, 352(6337), 733-6. doi:10.1038/352733a0 PUBMED

NOTE:	Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Human NF-κB p49 Expression Vector (pRSV-NF-κB2 (p49)) from Dr. Gary Nabel and Dr. Neil Perkins (cat# 2621)." Also include the reference cited above in any publications. **Recipient must not use or incorporate the reagent for commercial purposes.**
Last Updated:	March 26, 2020