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DATA SHEET

Reagent:	HIV-1 BH10 Integrase Expression Vector (pLJS10 Integrase)
Catalog Number:	1820
Lot Number:	180178
Release Category:	C
Provided:	5 µg of dried purified DNA stabilized in DNAstable *Plus*
Cloning Vector:	Ampicillin resistant
Description:	An expression vector which produces HIV-1 subtype B BH10 integrase. Codons for Met and Gly have been added to the 5' end.
Special Characteristics:	This construct is 5472 bp including the insert. This plasmid expresses BH1-10 integrase to which codons for Met and Gly have been added to the 5' end. Expression is driven by the T7 promoter. Sequence file lot 180178 Contributor provided plasmid map This reagent is currently being provided as dried purified DNA stabilized in DNAstable *PLUS*. Please see the notice for additional information and the protocol for reconstitution of dried DNA reagents. Dried DNA Notice
Recommended Storage:	Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.
Contributor:	Dr. James M. Groarke, Dr. Joseph V. Hughes, and Dr. Frank J. Dutko

References:

Hong, T., Murphy, E., Groarke, J. and Drlica, K. (1993). Human immunodeficiency virus type 1 DNA integration: fine structure target analysis using synthetic oligonucleotides. J Virol, 67(2), 1127-31. PUBMED

Sioud, M. and Drlica, K. (1991). Prevention of human immunodeficiency virus type 1 integrase expression in Escherichia coli by a ribozyme. Proc Natl Acad Sci U S A, 88(16), 7303-7. PUBMED

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program,Division of AIDS, NIAID, NIH: HIV-1 HXB2 Integrase Expression Vector (pLJS10 Integrase) from Drs. JM Groarke, JV Hughes, and FJ Dutko (cat# 1820)." Also include the references cited above in any publications.

Last Updated:

March 24, 2020