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DATA SHEET

Reagent:	FIV-34F10 DU
Catalog Number:	3713
Lot Number:	130395
Release Category:	B
Provided:	5 µg of dried purified DNA stabilized in DNAstable *PLUS*
Cloning Site:	NdeI/EcoRI
Cloning Vector:	pUC112$_{Nde}$
Description:	The FIV-34F10 deoxyuridine triphosphate (DU) coding region (nt 3998-4407) was amplified by PCR using primers to facilitate directional cloning into the NdeI-EcoRI sites of the pUC112Nde vector.
Special Characteristics:	This construct is 3557 bp including the insert. This clone expresses high levels of enzymatically active deoxyuridine triphosphatase (DU). The protein is suitable for structural, enzymological, and immunological studies. The infectious molecular clone FIV-34F10 is also available (Catalog #1236). Sequence file lot 130395 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. John H. Elder

References:

Talbott RL, Sparger EE, Lovelace KM, Fitch WM, Pedersen NC, Luciw PA, Elder JH. Nucleotide sequence and genomic organization of feline immunodeficiency virus. *Proc Natl Acad Sci USA* **86**:5743-5747, 1989.

Elder JH, Lerner DL, Hasselkus-Light CS, Fontenot DJ, Hunter E, Luciw PA, Montelaro RC, Phillips TR. Distinct subsets of retroviruses encode dUTPase. *J Virol* **66**:1791-1794, 1992.

Wagaman PC, Hasselkus-Light CS, Henson M, Lerner DL, Phillips TR, Elder JH. Molecular cloning and characterization of deoxyuridine triphosphatase from feline immunodeficiency virus (FIV). *Virology* **196**:451-457.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, NIAID, NIH: FIV-34F10 DU from Dr. John H. Elder." Also include the references cited above in any publications.

Last Updated: March 27, 2020