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DATA SHEET

Reagent:	pcGNM2/TSG-F (TSG101)
Catalog Number:	11483
Lot Number:	080143
Release Category:	C
Provided:	5 µg of dried purified DNA stabilized in DNAstable *PLUS*
Cloning Site:	XbaI and BamHI (Insert size, 1196bp).
Cloning Vector:	pcGNM2 (The size of the cloning vector, including insert, is 6230bp).
Description:	Full-length TSG101 expression vector. Constructed by transferring the TSG101 coding region from plasmid pGST2/TSG5 (provided by Z. Sun). For more details, see *Goila-Gaur et.al.* (2003).
Special Characteristics:	Over expression of pcGNM2/TSG-F inhibits HIV-1 budding. Donor Sequence Donor Plasmid Map Sequence file lot 080143 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. Eric Freed

References:

Goila-Gaur R, Demirov DG, Orenstein JM, Ono A, Freed EO. Defects in human immunodeficiency virus budding and endosomal sorting induced by TSG101 over expression. *J Virol.* 2003, **77** (11); 6507-19.

Demirov DG, Ono A, Orenstein JM, Freed EO. Over expression of the N-terminal domain of TSG101 inhibits HIV-1 budding by blocking late domain function. *Proc. Natl. Acad. Sci. USA*, 2002, **99** (2); 955-60.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: pcGNM2/TSG-F (Cat#11483) from Dr. Eric Freed." Also include the references cited above in any publications.

Scientists at for-profit institutions or who intend commercial use of this reagent must contact the NIH Office of Technology Transfer, Email: NIAIDAIDSReagent@niaid.nih.gov, before the reagent can be released. Please specify the name and a description of the intended use of the reagent.

Last Updated: October 22, 2018