Reagent: HIV-1 Consensus B Nef Peptide Set

Catalog Number: 5189

Lot Number: 140128

Provided: 49 vials, 0.5 mg each, lyophilized.

Description: Series of peptides comprising the Subtype B Consensus Nef region. Most of the peptides are 15 amino acids in length, with 11-amino acid overlaps between sequential peptides. For the pooled version of this reagent, please see catalog #12545.

Purity: Most peptides are >80% pure.

Solubility: See attached table. Peptides that are difficult to solubilize can almost always be dissolved in DMSO. Once a peptide is in solution, the DMSO can be slowly diluted with aqueous medium. Care must be taken to ensure that the peptide does not begin to precipitate out of solution.

Please note: Cys and Met containing peptide sequences are highly unstable when stored in DMSO for prolonged periods of time; peptide decay is often observed within days to weeks. If DMSO is required, we recommend freshly-prepared working solutions from freeze dried aliquots of these peptides, and prepared pools.

Special Characteristics: Click here for cat #5189 (set) and #12545 (pool) sequence and solubility data.

Recommended Storage: -20°C

Contributor: DAIDS, NIAID.

ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.
NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Cat# 5189 HIV-1 Consensus Subtype B Nef Peptide Set.

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