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## DATA SHEET

**Reagent:** HIV-1 Consensus B Nef Peptide Pool

**Catalog Number:** 12545

**Lot Number:** 190351

**Provided:** 1 vial of lyophilized peptides.  
  
The 49 peptides from cat# 5189 were pooled together and then distributed such that each vial contains 50 µg of each peptide, 2.45 mg total peptide.

**Description:** A peptide pool comprising 49 individual peptides. Peptides are produced as 15mers with 11 aa overlap, spanning the HIV-1 Subtype B Consensus Nef protein.  
  
Also available as a peptide set, see HIV-1 Subtype B Consensus Nef Peptide Set, cat# 5189.

**Sequence:** See attached file below

**Purity:** Peptides are >80% pure. Detailed purity information is available in the attached file below.

**Solubility:** 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 sequence and solubility data](#)  
[Click here for individual peptide analytical data](#)

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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.

**Recommended  
Storage:**

Keep the reagent at -20°C lyophilized and -80°C after reconstitution.

**Contributor:**

NIAID, DAIDS

**NOTE:**

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 Consensus Subtype B Nef Peptide Pool from NIAID, DAIDS (cat# 12545).

**Last Updated:**

May 29, 2020

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