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## DATA SHEET

**Reagent:** HIV-1 BRU Nef Peptide Set

**Catalog Number:** 4641

**Lot Number:** 150323

**Provided:** 20 vials, 0.5 mg net each, lyophilized.

**Description:** A series of peptides comprising HIV-1 BRU (subtype B) Nef. Mostly 20mers with 10 amino acid overlap. For the pooled version of this reagent, please see cat# 12794.

**Sequence:** Peptide sequences based on GenBank Accession # [K02013](#).

**Purity:** >80% purity (HPLC)

**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 #4641 \(set\) and cat #12794 \(pool\) sequence and purity data.](#)

**Recommended Storage:** Keep at -20°C lyophilized and -80°C after reconstitution.

**Contributor:** DAIDS (produced by Bio-Synthesis).

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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.

**NOTE:**

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 BRU Nef Peptides (cat #4641), courtesy of the Programme EVA Centre for AIDS Reagents."

**Last Updated:**

November 17, 2020

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