

# Bioassayplus Inc.

4510 Rhodes Dr., Windsor, Canada N8W 5K5

## Certificate of Analysis

**Important note:** centrifuge before opening to ensure complete recovery of vial contents.

**Catalog #:** HIV1-integrase

**Product name:** Recombinant HIV1 integrase

**Description:** HIV integrase is a 32kDa viral protein consisting of three domains- N-terminus, catalytic core domain, and C-terminus, which each have distinct properties and functions contributing to the efficacy of HIV integrase.

The main function of integrase is to insert the viral DNA into the host chromosomal DNA for HIV replication, Integration is in part responsible for the persistence of retroviral infections.

Full length HIV1 integrase was expressed and purified from *E. coli* with 6 x his tag at C-terminal and migrate at 30kDa on SDS-PAGE.

**Source:** *E. coli*

**Format:** Purified, Liquid

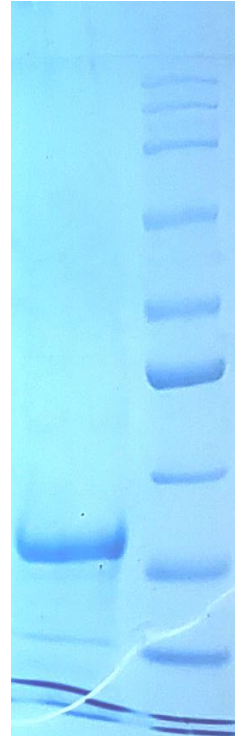
**Purification:** >95% in purity on 10% SDS-PAGE (Coomassie blue stain), purified by proprietary chromatographic technique

**Concentration:** 1.4mg/ml ( lot: 122023 )

**Buffer:** PBS with 25mM K<sub>2</sub>CO<sub>3</sub>

**Applications:** EIA, WB and LFA

**Storage:** After receipt, store at -20°C. Avoid multiple freeze/thaw cycles.



HIV1 integrase, lot 122023