**HTLV-1 Envelope**

*Human T cell Leukemia Virus Type-1, Envelope Protein recombinant, E. coli*

**Cat. No.** | **Amount**  
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PR-1219-1 | 1 mg  

*For in vitro use only!*

**Shipping:** shipped on blue ice  
**Storage Conditions:** store at -20 °C  
**Additional Storage Conditions:** avoid freeze/thaw cycles  
**Shelf Life:** 12 months  
**Molecular Weight:** 27 kDa  
**Purity:** > 95 % (SDS-PAGE, RP-HPLC)  
**Forms:** lyophilized (It is derived from 10 mM NaPO4 pH 6.0, 0.1% SDS and 1 mM DTT)

**Applications:**  
Antigen in ELISA and Western Blots. Excellent reagent for correct detection of HTLV infections with minimal specificity problems.

**Description:**  
The protein contains the C-terminus of gp46 and most of p21E of HTLV-1. This non-fusion E.coli derived protein starts from HTLV-1 envelope amino acids 165 and ends with 440. The protein is purified by proprietary chromatographic technique.

**Background:** Human T-cell leukemia virus (HTLV)-1 and -2 are deltaretroviruses that infect a wide range of cells. HTLV-1 has been found primarily in CD4+ and CD8+ T-lymphocytes *in vivo*, whereas CD8+ T-lymphocytes are thought to be the *in vivo* reservoir of HTLV-2.

**Specificity:** Immunoreactive with all sera of HTLV-1 and HTLV-2 infected individuals with antibody response to HTLV envelope.

**Selected References:**