

Recombinant HTLV HTLV1P24 protein

Cat. No. HTLV1P24-204H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HTLV-1 p24 Recombinant produced in E.Coli covers full length of HTLV-1 p24 and contains 188 amino acids having a molecular size 21kDa. HTLV-1 p24 is purified by proprietary chromatographic technique.
Species	HTLV
Source	E.coli
ProteinLength	188 amino acids
Description	Human T-lymphotropic virus (HTLV) is a human, single-stranded RNA retrovirus that causes T-cell leukemia and T-cell lymphoma. The virus activates a subset of T-helper cells called Th1 cells. The result is a proliferation of Th1 cells and overproduction of Th1 related cytokines (mainly IFN-gamma and TNF-alpha). Feedback mechanisms of these cytokines cause a suppression of the Th2 lymphocytes and a reduction of Th2 cytokine production (mainly IL-4, IL-5, IL-10 and IL-13). The end result is a reduction in the ability of the infected host to mount an adequate immune response to invading organisms that require a predominantly Th2 dependant response (these include parasitic infections and production of mucosal and humoral antibodies). HTLV-1 p24 is usually used for clinical diagnosis and forms both monomer and dimer on SDS-PAGE gel but the majority of protein is a dimer.
Form	Sterile Filtered clear solution. HTLV-1 p24 protein solution containing PBS, pH-7.4.
Molecular Mass	21kDa

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Purity	Protein is >95% pure as determined by 12% SDS-PAGE (coomassie staining).
Usage	The products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.
Storage	HTLV-1 p24 although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
Shipping	Ice Packs

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