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32-5602: Recombinant HIV-2 Protease

Description

Source : Escherichia Coli. HIV-2 protease is an active homodimer having a molecular mass of 10.7kDa. HIV-2 protease is very significant in the life cycle of the HIV virus. It is expressed in the infected cells as a part of Gag-Pol polyprotein from which it is auto-catalytycaly released after formation of an immature viral particle. The enzyme subsequently cleaves the other parts of viral polyproteins resulting in the maturation of the virus. In HIV-infected patients the enzyme is subjected to intensive mutagenesis and mutants resistant to applied medicines are produced as a result of the selection pressure.

Product Info

Amount :	10 µg
Content :	The HIV-2 Protease solution (0.25mg/1ml) is formulated in 20mM Tris pH7.0, 20mM MES, 200mM NaCl, 1mM EDT, 0.5mM DTT, 0.05% PEG 8000and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time.Please avoid freeze thaw cycles.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.