

Recombinant HIV HIV2P protein

Cat. No. HIV2P-202H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HIV-2 protease is an active homodimer having a molecular mass of 10.7kDa.
Species	HIV
Source	E.coli
Description	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-catalytically 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.
Form	Sterile filtered colorless clear solution. 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 8000 and 10% glycerol.
Molecular Mass	10.7kDa
Purity	/
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.

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Stability	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.
Storage buffer	20mM HEPES, pH7.0 and 10% Glycerol.
Shipping	Ice Packs

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