

HIV-RT recombinant protein

HIV-RT protein

CATALOG #
AAA75327

PRODUCT SYNONYMS

HIV-RT; HIV-RT protein; HIV 1-RT protein; HIV 1-RT; HIV1 RT protein; HIV-1 RT; HIV-1 Reverse Transcriptase protein; HIV1-RT; HIV-1 RT protein; HIV1RT protein; HIV-RT recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	> 95% pure
Form/Format	Liquid in 30mM Tris, pH 7.0 with 150mM NaCl and 0.2mM EDTA
Concentration	115ug per ml (varies by lot)
Source	Recombinant, produced in insect cells using baculovirus vectors
Species	Viral
Protein Type	Recombinant
Expression System	E Coli
Contaminants	None Detected
Biological Significance	Reverse transcriptase creates single-stranded DNA from an RNA template. The enzyme is encoded and used by reverse-transcribing viruses, which use the enzyme during the process of replication. Reverse-transcribing RNA viruses, such as retroviruses, use the enzyme to reverse-transcribe their RNA genomes into DNA, which is then integrated into the host genome and replicated along with it. Reverse-transcribing DNA viruses, such as the hepadnaviruses, can allow RNA to serve as a template in assembling, and making DNA strands. HIV infects humans with the use of this enzyme.
Biohazard	Recombinant protein. Use normal laboratory precautions and procedures when handling raw materials.
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store at -20°C Shipping: Ships with dry ice

ADDITIONAL INFORMATION

Related Product Information for HIV-RT recombinant protein	Purified recombinant HIV-RT protein
Product Categories/Family for HIV-RT recombinant protein	Infectious Disease

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.