



Recombinant HIV type 1 Protease Protein (DAG3195)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Recombinant Human Immunodeficiency Virus 1 protease
Species	HIV
Conjugate	Unconjugated
Format	liquid
Concentration	250 µg/ml
Buffer	20 mM sodium acetate, 200 mM NaCl, 10% glycerol, 1 mM EDTA, 0.5 mM DTT, 0.05% PEG 8000, 1 mM NaN ₃ , pH 5.0
Preservative	1 mM Sodium Azide
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	The human immunodeficiency virus (HIV) is a lentivirus (slowly replicating retrovirus) that causes the acquired immunodeficiency syndrome (AIDS), a condition in humans in which progressive failure of the immune system allows life-threatening opportunistic infections and cancers to thrive. Without treatment, average survival time after infection with HIV is estimated to be 9 to 11 years, depending on the HIV subtype. Infection with HIV occurs by the transfer of blood, semen, vaginal fluid, pre-ejaculate, or breast milk. Within these bodily fluids, HIV is present as both free virus particles and virus within infected immune cells.
Keywords	HIV-1 protease; HIV1 Protease