Recombinant HIV-1 Reverse Transcriptase, His-tagged

Cat. No. HIV1 reversetranscriptase-01V **Lot. No.** (See product label)

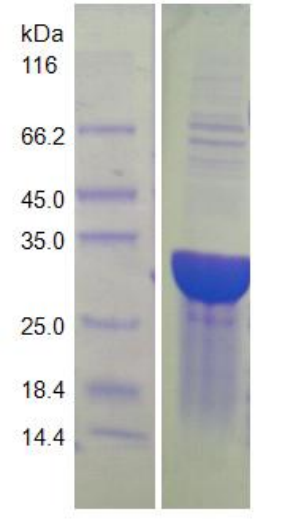
SPECIFICATION

Product Overview	Recombinant HIV-1 Reverse Transcriptase with His tag was expressed in E. coli. Theoretical pI: 8.51
Species	HIV
Source	E.coli
Description	Reverse transcriptase, an enzyme encoded from the genetic material of retroviruses that catalyzes the transcription of retrovirus RNA (ribonucleic acid) into DNA (deoxyribonucleic acid).
Molecular Mass	~ 35 kDa
AA Sequence	PISPIETVPVKLKPGMDGPKVKQWPLTEEKIKALVEICAELEEEGKISRIGPENPYNTP VFAIKKKDSTKWRKLVDFRELNKRTQDFWEVQLGIPHPAGLKKKKSVTVLDVGDAYF SIPLDEDFRKYTAFTIPSTNNETPGTRYQYNVLPQGWKGSPAIFQSSMTKILEPFRKQ NPDIVIYQYVDDLYVGSDLEIGQHRTKVEELRQHLWRWGFYTPDKKHQKEPPFLWM GYELHPDKWTVQPIVLPEKDSWTVNDIQK
Purity	~ 95 % by SDS-PAGE analysis
Storage	Short term storage at +4 centigrade, Long term storage at -20 to -80 centigrade. Avoid freeze/thaw cycles.
Concentration	1.0 mg/mL

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Storage Buffer	20 mM Tris-HCl, 200 mM NaCl, pH7.4

GENE INFORMATION

Official Symbol	HIV1 reversetranscriptase
Synonyms	HIV1 reversetranscriptase; HIV-1 Reverse Transcriptase
SDS-PAGE analysis of purified IL3RA	 15 % SDS-PAGE analysis of purified HIV-1 reverse transcriptase

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