

## HIV-1 pol Integrase Recombinant Protein | HIV1 Integrase recombinant protein

HIV-1 pol Integrase Recombinant

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| CATALOG #<br><b>AAA76071</b> | HOST<br><b>E Coli (Host protein expression may be lot-specific and can be subject to change during production, including bulk orders)</b> |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|

### PRODUCT SYNONYMS

HIV-1 pol Integrase; HIV-1 pol Integrase Recombinant; hiv1; intergrase; HIV1 Integrase recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli (Host protein expression may be lot-specific and can be subject to change during production, including bulk orders)                                                                                                                                     |
| Specificity             | Immunoreactive with sera of infected HIV individuals                                                                                                                                                                                                           |
| Purity/Purification     | >90% by SDS-PAGE.                                                                                                                                                                                                                                              |
| Form/Format             | 0.2um filtered solution: 50mM Tris-HCL ph 8, 60mM NaCl, 0.25% Sarcosyl, 10mM glutathione 50% glycerol                                                                                                                                                          |
| Concentration           | 8mg/ml (varies by lot)                                                                                                                                                                                                                                         |
| Endotoxin               | Less than 0.1EU/ug as determined by LAL method.                                                                                                                                                                                                                |
| Soruce Note             | DNA sequence encoding immunodominant fragement of HIV-1 p31 was expressed in Esherichia Coli.                                                                                                                                                                  |
| Preparation and Storage | The protein can be stored in working aliquots at 2°C to 8°C for up to one month, or at -20°C for up to 12 months without detectable loss of activity. Avoid repeated freeze/thaw cycles.<br><b>FOR COMPLETE PRODUCT EXTRACTION CENTRIFUGE PRIOR TO ALIQUOT</b> |

### ADDITIONAL INFORMATION

|                                                                    |                                                                                                                                                                                                        |
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| Related Product Information for HIV1 Integrase recombinant protein | Recombinant HIV Pol encodes the immunodominant sequences of the HIV1 Group M p31 intergrase protein. Recombinant HIV p31 intergrase is fused to an GST purification tag and migrates as 36kDa on PAGE. |
| Product Categories/Family for HIV1 Integrase recombinant protein   | <a href="#">Viral Antigens</a>                                                                                                                                                                         |

### NCBI AND UNIPROT INFORMATION

|                         |           |
|-------------------------|-----------|
| NCBI GI #               | 2853980   |
| NCBI Official Full Name | integrase |

**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.

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Online datasheet: <https://www.aaabiotech.com/hiv-1-pol-integrase-recombinant-protein-e-coli/76071>