

## Gag (HIV-1/Clade C)

CATALOG NUMBER: IV-Gag-009P, 50 µg

<b>Introduction</b>	Gag (group-specific antigen), also called precursor gag polyprotein, is the main structural protein of HIV-1. This precursor gag polyprotein is processed by viral protease during maturation to MA (matrix protein, p17); CA (capsid protein, p24); SP1 (spacer peptide 1, p2); NC (nucleocapsid protein, p7); SP2 (spacer peptide 2, p1) and P6 protein.
<b>Applications</b>	Western blot standard, antibody ELISA, HIV-1 entry inhibition, etc.
<b>Description</b>	Gag protein expressed and purified from <i>E.coli</i>
<b>Viral Protein</b>	C-terminal 6xhis tagged HIV-1 Gag (Clade C) protein (Genebank No. AAB61122)
<b>Storage</b>	Store at -20 °C; Stable for 3-months from the date of shipment when kept at 4 °C. Non-hazardous. No MSDS required.
<b>Concentration</b>	1 mg/ml (50 mM Phosphate buffer, pH 7.4, 0.5M NaCl, 0.2M Imidazole, 8M Urea)
<b>Specificity</b>	≥ 90% purity (SDS PAGE).



**SDS-PAGE:** purified HIV-1 Gag (Clade C) protein