

Specification sheet

Protein	HIV-1 gp41
REF	17-01
Description	<i>E.coli</i> derived recombinant protein, contains immunodominant region of HIV-1 gp41 protein and 6xHis tag
Source	<i>E.coli</i>
Molecular weight	16 kDa
Format	Purified, liquid
Purification	Metal affinity chromatography, dialysis
Purity	>90%, 10% SDS-PAGE Coomassie staining
Concentration	Lot specific, >1 mg/mL (Pierce BCA Protein Assay)
Buffer	1 mM HCl
Preservative	0.02% NaN ₃
Storage	+4°C short term; -18...-22°C or below for 3 years; avoid multiple freeze/thaw cycles
Applications	Western blot, ELISA; Reacts with HIV