

HIV-1 gp41 Long Recombinant, Biotin Labeled

Item Number	rAP-5352
Synonyms	
Description	The E.coli derived 32 kDa biotin labeled recombinant protein is a non-glycosylated polypeptide chain, containing the HIV-1 p41 immunodominant regions, amino acids 466-753. The HIV-1 p41 Biotinylated is fused to beta-galactosidase (114 kDa) at the N-terminus.
Uniprot Accession Number	
Amino Acid Sequence	
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless clear solution. HIV-1 gp41 Long although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
Formulation and Purity	8M Urea, 20mM Tris-HCl pH 8.0, 10mM b-mercaptoethanol. Greater than 95.0% as determined by HPLC analysis & SDS-PAGE.
Application	HIV-I gp41 antigen is suitable for ELISA and Western blots, excellent antigen for early detection of HIV seroconvertors with minimal specificity problems.
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**