

HIV-1 nef Recombinant

Item Number	rAP-5357
Synonyms	
Description	The E.coli derived 20kDa recombinant protein genotype IIIB is a non-glycosylated polypeptide chain, containing the HIV-1 nef immunodominant regions, 3-190 amino acids. The HIV-1 nef is fused to beta-galactosidase (114 kDa) at the N-terminus.
Uniprot Accession Number	
Amino Acid Sequence	kwsksyv igwptvrerm rraepaadv gaasqlekh gaitssntaa tnadcawleaqqeeevgfpv tpqvplrpmt ykaavdlshf lkekgllegl ihsqrrqdiil dlwiyhtqgyfpdwqnytpg pgiryplftg wcyklvpvpe eklleankge ntsllhpvsl hgmdpervlewrfsrla.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless clear solution. HIV-1 nef although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
Formulation and Purity	HIV-1 nef protein solution in 8M urea, 20mM Tris-HCl pH 8.0, 10mM b-mercaptoethanol. Greater than 95.0% as determined by HPLC analysis and SDS-PAGE.
Application	HIV-1 nef antigen in 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**