

HIV-1 gp41 Long Recombinant

Item Number rAP-5347

Synonyms

Description The E.Coli derived protein contains the full-length sequence of N-terminal epitopes of HIV-1 gp41 395 amino acids (444-833) immunodominant regions gp41L. The protein is fused to α -galactosidase (114 kDa) at N-Terminus.

Uniprot Accession Number

Amino Acid Sequence IEFPGIFRPGGGMDRDNWRSELYKYKVVKIEPLGVAPTAKARRVVQ REKRAVGIGALFLGFL-
GAAGSTMGAASMTLTVQARQLLSGIVQQQNNLLR AIEAQQHLLQLTVW-
GIKQLQARILAVEYLKDDQLLGIWGC SGKLICTTAVPWNASWSN KSLEQIWNMTWMEWDREINNY-
TSLIHSLIEESQNQQEKNEQELLELDKWASLWNWFNITNWLWYIKLFIMIVGGLVGLRIVFAVLSVNVNRVQ
GYSPLSFQTHLPPIRGPDRPEGIEEEGGERDRDRSIRLVNGSLALIWDDLRLSLCLFSYHRLRDLILLIVTRIVEL
LGRRGWEALKYWWNLLQYWSQELKNSAVSLLNATAIAVAEGTDRVIEVVQGAYRAIRHPRRIRQGLERILL

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 β -mercaptoethanol. Greater than 95.0% as determined by HPLC analysis & SDS-PAGE.

Application

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**