

HIV-1 TAT Clade-D Recombinant

Item Number rAP-5377

Synonyms

Description HIV-1 TAT Clade-D Recombinant produced in E.coli is a single, non-glycosylated, polypeptide chain having the Accession number: AY194029.

Uniprot Accession Number 37693950

Amino Acid Sequence

Source Escherichia Coli.

Physical Appearance and Stability Sterile Filtered and lyophilized, though might appear as a solution as a result of the glycerol content. Lyophilized HIV-1 TAT although stable at room temperature for 1 week, should be stored desiccated below -18°C. Upon reconstitution HIV-1 TAT should be stored at 4°C between 2-7 days and for future use below -18°C. For long-term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent

Formulation and Purity Lyophilized with 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.

Application

Solubility It is recommended to reconstitute the lyophilized HIV-1 TAT in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

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**