

HIV-1 TAT Clade-B Recombinant

Item Number	rAP-5360
Synonyms	
Description	HIV-1 TAT Recombinant- produced in E.coli is a single, non-glycosylated, polypeptide chain containing 86 amino acids encoded by two exons and having chain having a molecular mass of 14kDa.
Uniprot Accesion Number	62291022
Amino Acid Sequence	MEPVDPRLEP WKHPGSQPKT ACTNCYCKKC CFHCQVCFIT KALGISYGRK KRRQRRRPPQ GSQTHQVSLK KQPTSQSRGD PTGPKE.
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 - 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 0.1% 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 H ₂ O 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**