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## Product Data Sheet

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Product Name: HIV-1 CRF  
Cat. No.: GP26440  
Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	atRoomtemp.

Solubility It is recommended to reconstitute the lyophilized HIV-1 CRF in sterile 18MΩ-cm H<sub>2</sub>O not less than 100μg/ml, which can then be further diluted to other aqueous solutions.

Formulation Lyophilized with 10% glycerol.

### Introduction

HIV-1 circulating recombinant forms (CRFs) are part of viral recombinant lineages that play a major role in the global epidemic. HIV-1 CRF is 1 of 2 genes which dominate the epidemic in Burkina Faso. Multiple HIV-1 subtypes and circulating recombinant forms are known to cocirculate in Africa. In West Africa, the high prevalence of HIV-1 CRF and cocirculation of subtype A and other complex intersubtype recombinants has been highly documented. Cocirculation of HIV-1 CRF strain with other genetic subtypes may lead to novel and complex HIV-1 recombinants.

### Stability

Lyophilized HIV-1 CRF although stable at room temperature for 1 week, should be stored desiccated below -18°C. Upon reconstitution HIV-1 CRF 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 freeze-thaw cycles.

### Background

HIV-1 CRF Recombinant produced in E. Coli is a single, non-glycosylated polypeptide chain containing 101 amino acids and having a molecular mass of 20.1kDa.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA