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HIV1-p24, 155-321aa, HIV-1, His tag, E.coli

产品货号: TP02457

第三版

别名: Group-specific antigen – p24, CA, Capsid protein p24

描述: The HIV1 p24 protein performs highly complex orchestrated tasks during the assembly, budding maturation and infection stages of the viral replication cycle. During viral assembly, the proteins form membrane associations and self-associations that ultimately result in budding of an immature virion from the infected cell. Gag p24, the major capsid protein of the HIV-1 virion, has been used in clinical trials as one of the components of the HIV-1 vaccine because of the high degree of sequence conservation between different isolates.

配方: Liquid. In 20 mM Tris-HCl Buffer (pH 8.0) containing 100 mM NaCl, 0.1 mM PMSF, 10% Glycerol

分子量: 21.2kDa(188aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMWVKVVEEKAFSPEVIPMFSALSEGATPQDLNNTMLNTVGGHQAAMQMLKETINEEAA
EWDRLHPVHAGPIAPGQMREPRGSDIAGTTSTLQEQIGWMTHNPPIPVGEIYKRWIILGLNKIVRMYSPTSILDIRQGPKEP
FRDYVDRFYKTLRAEQASQEVKNWMTETL

纯度: > 95% by HPLC

浓度: 0.5 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.