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HCV NS3, 1225-1456aa, HCV, His tag, E.coli

产品货号: TP02415

第三版

别名: NS3 protease/helicase

描述: HCV is a positive, single-stranded RNA virus in the Flaviviridae family. The polyprotein is processed by host cell and viral proteases into three major structural proteins including NS3, and several non-structural proteins necessary for viral replication. Nonstructural (NS) proteins of HCV play major roles in viral replication and the pathogenesis of liver diseases. The NS3 protein of hepatitis C virus (HCV) contains protease and RNA helicase activities, both of which are likely to be essential for HCV propagation.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 1mM DTT

分子量: 27.9 kDa (268aa), confirmed by MALDI-TOF

序列:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSVAHLHAPTGS GKSTKVPAAAYAAQGYKVLV LNPSVAATL
GFGAYMSKAHGVDPNIRTGVRTITTTGSPITYSTYKFLADGGCSGGAYDIIICDECHSTDATSILGIGTVLDQAETAGARLV
VLATATPPGSVTVSHPNIEEVALSTTGEIPFYGKAIPLEVIKGGRRHLIFCHSKKKCDELA AKLVALGINAVAYRGLDVSVIP
TSGDVVVVSTDALMTGFTGDFDSVIDCNT

纯度: > 95% by HPLC

浓度: 1 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.