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HCV-NS5b, 2634-2752aa, Hepatitis C Virus, His tag, E.coli

产品货号: TP02419

第三版

别名: Polyprotein ,

描述: Hepatitis C virus genotype 1 is a core protein packages viral RNA to form a viral nucleocapsid, and promotes virion budding. It modulates viral translation initiation by interacting with HCV IRES and 40S ribosomal subunit and also regulates many host cellular functions such as signaling pathways and apoptosis. It prevents the establishment of cellular antiviral state by blocking the interferon-alpha/beta (IFN-alpha/beta) and IFN-gamma signaling pathways and by inducing human STAT1 degradation. NS5B is a RNA-dependent RNA polymerase that plays an essential role in the virus replication. Recombinant HCV (Hepatitis C Virus) NS5b protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

分子量: 17.0 kDa (155aa) confirmed by MALDI-TOF

序列:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSPMGFSYDTRCFDSTVTESDIRTEEAIYQCCDLDPQARVAI
KSLTERLYVGGPLTNSRGENCYRRCRASGVLTTSCGNTLTCYIKARAACRAAGLQDCTMLVCGDDL VICESAGVQED

纯度: > 95% by HPLC

浓度: 0.25 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.