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HUS1, 1-280aa, Human, His tag, E.coli

产品货号: TP02544

第三版

别名:checkpoint protein HUS1

描述:HUS1 is a component of an evolutionarily conserved, genotoxin-activated checkpoint complex. This protein associates with Rad9 and Rad1 to form the 9-1-1(RAD9-RAD1-HUS1) complex, which localizes to DNA lesions and promotes DNA damage signaling and repair or apoptosis, cell cycle arrest. The trimeric complex is structurally similar to the proliferating cell nuclear antigen (PCNA) sliding clamp and interacts with Rad17 as a clamp-clamp loader pair during the DNA damage response.

配方:Liquid. In 20 mM Tris-HCl Buffer (pH 8.0) containing 100 mM NaCl,40% Glycerol

分子量:33.8 kDa (300aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMKFRAKIVDGACLNHFTRISNMIKLAKTCTLRISPDKLNFILCDKLANGGVSMWCELE
QENFFNEFQMEGVSAENNEIYLELTSENLSRALKTAQNARALKIKLTNKHFPCLTVSVELLSMSSSRIVTHDIPIKVIPRKLW
KDLQEPVVPDPDVSIIYLPVLKTMKSVVEKMKNISNHLVIEANLDGELNLKIETELVCVTTHFKDLGNPPLASESTHEDRNV
EHMAEVHIDIRKLLQFLAGQQVNPTKALCNIVNNKMHFDLLHEDVSLQYFIPALS

纯度:> 95% by HPLC

浓度:0.25mg/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.