

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

RAD1, 1-282aa, Human, His tag, E.coli

产品货号: TP03658

第三版

别名: Cell cycle checkpoint protein RAD1, HRAD1, REC1

描述: RAD1 is a component of a heterotrimeric cell cycle checkpoint complex, known as the 9-1-1 complex, that is activated to stop cell cycle progression in response to DNA damage or incomplete DNA replication. This complex also contains the Rad9 and Hus1 proteins and is believed to be involved in cellular responses to DNA damage, possibly by associating with Rad17 and several components of the PCNA-loading heteropentamer, replication factor C.

配方: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl, 1mM DTT, 10% glycerol

分子量: 33.9 kDa (302aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMPLLTQQIQDEDDQYSLVASLDNVRNLSTILKAIHFREHATCFATKNGIKVTVENAKCV
QANAFIQAGIFQEFKVQEESVTFRINLTVLLDCLSI FGSSPMPGTLTALRMCYQGYGYPLMLFLEEGGVVTVCKINTQEPEE
TLDFDFCSTNVINKIILQSEGLREAFSELDMTSEVLQITMSPDKPYFRLSTFGNAGSSHLDYPKDSLMEAFHCNQTQVNR
KISLLKPSTKALVLSCKVSIRTDNRGFLSLQYMIRNEDGQICFVEYYCCPDEEVPESES

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.