

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。

rnhA, 1-155aa, E.coli, His tag, E.coli

产品货号: TP03757

第三版

别名:Ribonuclease HI, degrades RNA of DNA-RNA hybrids, cer, dasF, ECK0214, herA, JW0204, rnh, sdrA, sin.

描述:rnhA is an endonuclease that specifically degrades the RNA of RNA-DNA hybrids. Localized to the nucleus, this protein mediates the removal of Okazaki fragment RNA primers that are present on the lagging strand during DNA replication. rnhA catalyzes the endonucleolytic cleavage of RNA to a 5'-phosphomonoester and is able to bind magnesium or manganese as cofactors.

配方:Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 2mM DTT.

分子量:20 kDa (178aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSMKQVEIFTDGSCLGNPGGYGAILRYRGREKTF SAGYTRTTNRMELMAAIVAL
EALKEHCEVILSTDSQYVRQGITQWIHNWKKRGWKTADKKPVKNVDLWQRLDAALGQH QIKWEWVKGHAGHPENE
RCDELARAAAMNPTLEDTGYQVEV

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.