

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

nth, 1-211aa, E.coli, His tag, E.coli

产品货号: TP03213

第三版

别名: Endonuclease III, b1633, JW1625, DNA-(apurinic or apyrimidinic site) lyase

描述: Nth, also known as Endonuclease III, has an apurinic and/or apyrimidinic endonuclease activity and a DNA N-glycosylase activity. This enzyme incises damaged DNA at cytosines, thymines and guanines. Nth acts on a damaged strand, 5' from the damaged site. This enzyme is required for the repair of both oxidative DNA damage and spontaneous mutagenic lesions.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 40% glycerol, 0.1M NaCl, 1mM DTT, 0.1mM PMSF

分子量: 25.7 kDa (231aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMNKAKRLEILTRLRENNPHPTTELNFSSPFELLIIVLLSAQATDVSVNKATAKLYPVANTP  
AAMLELGVGVKTYIKTIGLYNSKAENIIKTCRILLEQHNGEVPEDRAALEALPGVGRKTANVVLNTAFGWPTIAVDTHIF  
RVCNRTQFAPGKNVEQVEEKLLKVPAEFKVDCHHWLILHGRYTICIARKPRCGSCIIEDLCEYKEKVDI

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.