

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。

NTHL1, 1-312aa, Human, His tag, E.coli

产品货号: TP03214

第三版

别名: Endonuclease III-like protein 1, NTH1, OCTS3.

描述: NTHL1, also known as nth endonuclease III-like protein 1, is one of the enzyme that has been shown to act on a large number of oxidatively damaged DNA sites. It has an apurinic and/or apyrimidinic endonuclease activity and a DNA N-glycosylase activity. It acts on a damaged strand, 5' from the damaged site and incises damaged DNA at cytosines, thymines and guanines.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 40% glycerol, 0.15M NaCl, 1mM DTT

分子量: 36.6 kDa (332aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMCSPQESGMTALSARMLTRSRSLGPGAGPRGCREEPGLRRREAAAARKSHSPVKRPRK
AQRLRVAYEGSDSEKGEAEPLKVPVWEPQDWQQQLVNIRAMRNKKDAPVDHLGTEHCYDSSAPPKVRRYQVLLSLML
SSQTKDQVTAGAMQRLRARGLTVDLSILQTDDATLGKLIYPVGFWRKVKYIKQTSAILQQHYGGDIPASVAELVALPGVG
PKMAHLAMAVAWGTVSGIAVDTHVHRIANRLRWTKKATKSPEETRAALEEWLPRELWHEINGLLVGFQQQTCLPVHPR
CHACLNQALCPAAQGL

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.