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NEIL1, 1-390aa, Human, His tag E.coli

产品货号: TP03139

第三版

别名: Endonuclease 8-like 1, FLJ22402, FPG1, hFPG1, NEI1.

描述: NEIL1 belongs to a class of DNA glycosylases homologous to the bacterial Fpg/Nei family. These glycosylases initiate the first step in base excision repair by cleaving bases damaged by reactive oxygen species and introducing a DNA strand break via the associated lyase reaction. Recombinant human NEIL1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

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

分子量: 45.8 kDa (410aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMPEGPELHLASQFVNEACRALVFGGCVEKSSVSRNPEVPFESSAYRISASARGKELRLILSP
LPGAQPQQEPLALVFRFGMSGFQLVPREELPRHAHLRFYTAPPGRLALCFVDIRRFGRWDLGGKWQPGRGPCVLQEYQ
QFRENVLRLNADKAFDRPICEALLDQRFFNGIGNYLRAEILYRLKIPPFKARSVLEALQQHRPSELTSQKIRTKLQNPDLL
ELCHSVPKEVVQLGGKGYGSESGEEDFAAFRAWLRCYGMPSLQDRHGRTIWFQGDGPGPLAPKGRKSRKKKSKATQL
SPEDRVEDALPPSKAPSRTRRAKRDLPKRTATQRPEGTSLQQDPEAPTVPKKGRRKGRQAASGHCRPRKVKADIPSLEPEG
TSAS

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.