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NEIL2, 1-332aa, Human, His tag, E.coli

产品货号: TP03140

第三版

别名:Endonuclease 8-like 2, NEH2, NEI2, Nei-like protein 2.

描述:Endonuclease 8-like 2, also known as NEIL2, 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.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl

分子量:39.4 kDa (356aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMPEGPLVRKFHHLVSPFVGQQVVKTGGSSKQLQPASLQSLWLQDTQVHGKKLF
LRFDLDEEMGPPGSSPTPEPPQKEVQKEGAADPKQVGEPGQKTLDGSSRSAELVPQGEDDSEYLERDAPAGDAGRWLRV
SFGLFGSVVNDVDFSRAKKANKRGDWRDPSPRLVLHFGGGGFLAFYNCQLSWSSSPVVTPTCDILSEKFHRGQALEALGQA
QPVCYLLDQRYFSGLGNIKNEALYRAGIHPLSLGSLVLSASRREVLVDHVVVEFSTAWLQGKFQGRPQHTQVYQKEQCPA
GHQVMKEAFGPEDGLQRLTWWCPQCQPQLSEEPEQCQFS

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.