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ung, 1-229aa, E.coli, His tag, E.coli

产品货号: TP04430

第三版

别名:Uracil-DNA-glycosylase, ECK2578, JW2564

描述:Ung, also known as Uracil-DNA glycosylase, is to prevent mutagenesis by eliminating uracil from DNA molecules by cleaving the N-glycosylic bond and initiating the base-excision repair (BER) pathway. Uracil bases occur from cytosine deamination or misincorporation of dUMP residues. After a mutation occurs, the mutagenic threat of uracil propagates through any subsequent DNA replication steps. Recombinant E.coli ung 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 10% glycerol

分子量:28.1 kDa(252aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMANELTWHDLAEKQQPYFLNTLQTVASERQSGVTIYPPQKDFNAFRFTELGD
VKVVILGQDPYHGPGQAHGLAFSVRPGIAIPPSLLNMYKELENTIPGFTRPNHGYLESWARQGVLLNTVLTVRAGQAHS
HASLGWETFTDKVISLINQHREGVVFLWGSQAQKKGAIIDKQRHHVLKAPHPSPLSAHRGFFGCNHFVLANQWLEQR
GETPIDWMPVLPASE

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.