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ALKBH3, 1-286aa, Human, His tag, E.coli

产品货号: TP01140

第三版

别名: Alpha-ketoglutarate-dependent dioxygenase alkB homolog 3, ABH3, DEPC-1, DEPC1, PCA1.

描述: ALKBH3 is a member of the ALKB family of proteins and functions as a dioxygenase with a preference for RNA and single stranded DNA substrates. This protein repairs 1-methyladenine and 3- methylcytosine lesions in alkylated DNA and RNA and its activity is stimulated by ascorbate.

配方: Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 2mM DTT, 0.1M NaCl.

分子量: 37.9 kDa (325aa), confirmed by MALDI-TOF

序列:

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MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSELDMEEKRRRARVQGAWAAPVKSQAIAQPATTAKSHLH
QKPGQTWKNKEHHLSDREFVFKEPQQVRRRAPEPRVIDREGVYEISLSPTGVSRLVCLYPGFVDVKEADWILEQLCQDVP
WKQRTGIREDITYQQPRLTAWYGELPYTYSRITMEPNPHWHPVLRRLKNRIEENTGHTFNLLCNLYRNEKDSVDWHSD
DEPSLGRCPHIIASLFGATRTRFEMRKKPPPEENGDYTYVERVKIPLDHGTLIMEGATQADWQHRVPKEYHSREPRVNLTFR
TVYPDPRGAPW
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纯度: > 95% by HPLC

浓度: 1 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.