

Product datasheet

Recombinant Human ALKBH3 protein ab124851

概述

产品名称	重组人ALKBH3蛋白
蛋白长度	Full length protein

描述

性质	Recombinant
来源	Escherichia coli

氨基酸序列

Accession [Q96Q83](#)

种属 Human

序列
 MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD
 KDRWGSELDM EEKRRRARVQ GAWAAPVKSQ
 AIAQPATTAK SHLHQKPGQT WKNKEHHLSD
 REFVFKEPQQ VVRRAPEPRV IDREGVYEIS
 LSPTGVS RVC LYPGFVDVKE ADWILEQLCQ
 DVPWKQRTGI REDITYQQPR LTAWYGELPY
 TYSRITMEPN PHWHPVLR TL KNRIEENTGH
 TFNSLLCNLY RNEKDSVDWH SDDEPSLGRC
 PIIASLSFGA TRTFEMRKKP PPEENGDYTY
 VERVKIPLDH GTLLIMEGAT QADWQHRVPK
 EYHSREPRVN LTFRTVYPDP RGAPW

分子量 38 kDa including tags

氨基酸 1 to 286

标签 His tag N-Terminus

额外的序列信息 ALKBH3 Human Recombinant fused to 39 amino acid His Tag at N-terminal produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 325 amino acids (1-286 a.a.).

技术指标

Our [Abpromise guarantee](#) covers the use of **ab124851** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用 SDS-PAGE

纯度	> 95 % SDS-PAGE. ab124851 is purified by proprietary chromatographic techniques and sterile filtered.
形式	Liquid

制备和贮存

稳定性和存储	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.03% DTT, 0.32% Tris HCl, 10% Glycerol, 0.58% Sodium chloride
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常规信息

功能	Dioxygenase that repairs alkylated DNA containing 1-methyladenine and 3-methylcytosine by oxidative demethylation. Has a strong preference for single-stranded DNA. May also act on RNA. Requires molecular oxygen, alpha-ketoglutarate and iron.
组织特异性	Ubiquitous. Detected in heart, pancreas, skeletal muscle, thymus, testis, ovary, spleen, prostate, small intestine, peripheral blood leukocytes, urinary bladder and colon.
序列相似性	Belongs to the alkB family. Contains 1 Fe2OG dioxygenase domain.
细胞定位	Cytoplasm. Nucleus.

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