

Product datasheet

Recombinant Human ALKBH3 protein ab105620

1 图像

概述

产品名称	Recombinant人ALKBH3 protein
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	MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSELDMEKRRRARVQ GAWAAPVKSQAIQAQPATTAKSHLHQKPGQTWKNKEHHLSDREFVFKEPQQ VVRRAPEPRVIDREGVYEISLSPTGVSRLVCLYPGFVDVKEADWILEQLCQ DVPWKQRTGIREDITYQQPRLTAWYGELPYTYSRITMEPNPHWHPVLRTL KNRIEENTGHTFNLLCNLYRNEKDSVDWHSDDPSLGRCPIIASLSFGA TRTFEMRKKPPPEENGDYTYVERVKIPLDHGTLIMEGATQADWQHRVPK EYHSREPRVNLTFRTVYPDRGAPW

分子量	38 kDa including tags
氨基酸	1 to 286
标签	His tag N-Terminus , DDDDK tag N-Terminus

技术指标

Our [Abpromise guarantee](#) covers the use of **ab105620** 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 Mass Spectrometry
质谱法	MALDI-TOF
纯度	> 95 % SDS-PAGE. ab105620 was purified using conventional chromatography techniques.
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 or -80°C. Avoid freeze / thaw cycle.

Preservative: None

Constituents: 10% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, 2mM DTT, pH 8.0

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

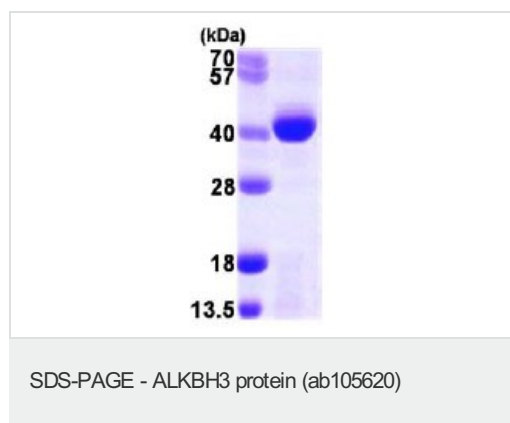
Belongs to the alkB family.

Contains 1 Fe2OG dioxygenase domain.

细胞定位

Cytoplasm. Nucleus.

图片



15% SDS-PAGE analysis of ab105620 (3µg)

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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