

Product datasheet

Recombinant Human ALKBH3 protein ab105620

1 图像

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	<a href="#">Q96Q83</a>
种属	Human
序列	<b>MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSELDMEKRRRARVQ</b> GAWAAPVKSQAI AQPATTAKSHLHQKPGQ TWKNKEHHLSDREFVFKEPQQ VVRRAPEPRVIDREGVYEISLSPTGVS RVCLYPGFVDVKEADWILEQLCQ DVPWKQRTGIREDITYQQPRLTAWYGELPYTYSRITMEPNPHWHPVLR TL KNRIEENTGHTFN SLLCNLYRNEKDSVDWHS DDEPSLGRCPIIASLSFGA TRTFEMRKKPPPEENG DYTYVERVKIPLDHG TLLIMEGATQADWQHRV PK EYHSREPRVNLTFRTVYPDPRGAPW

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

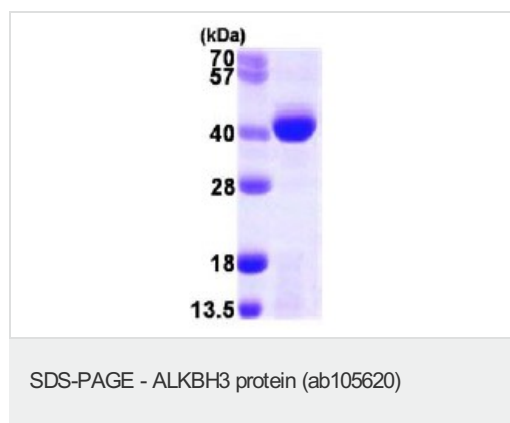
Belongs to the alkB family.

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"

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.cn/abpromise> or contact our technical team.

## Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors