

Recombinant Human ALKBH2 protein ab105622

1 References [画像数 1](#)

製品の詳細

製品名	Recombinant Human ALKBH2 protein
精製度	> 90 % SDS-PAGE. ab105622 was purified using conventional chromatography techniques.
発現系	Escherichia coli
アクセッション番号	<u>Q6NS38</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	<p>MGSSHHHHHHSSGLVPRGSHMDRFLVKGAAQGGLLRKQEEQ EPTGEEPAVL GGDKESTRKRPRREAPGNGGHSAGPSWRHIRAEGLDCSYTVL FGKAEADE IFQELEKEVEYFTGALARVQVFGKWHVSPRKQATYGDAGLTY TFSGLTLS PKPWIPVLERIRDHVSGVTGQTFNFVLINRYKDGCDHIGEHR DDERELAP GSPIASVSFGACRDFVFRHKDSRGKSPSRRVAVVRLPLAHGS LLMMNHPT NTHWYHSLPVRKKVLAPRVNLTFRKILLTKK</p>
予測される分子量	31 kDa including tags
領域	1 to 261
タグ	His tag N-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab105622** in the following tested applications.

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

アプリケーション	SDS-PAGE
	Mass Spectrometry
質量分析	MALDI-TOF
製品の状態	Liquid

備考

Previously labelled as ABH2.

前処理および保存

保存方法および安定性

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.

pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCl, 30% Glycerol (glycerin, glycerine)

関連情報

機能

Dioxygenase that repairs alkylated DNA and RNA containing 1-methyladenine and 3-methylcytosine by oxidative demethylation. Can also repair alkylated DNA containing 1-ethenoadenine (in vitro). Has strong preference for double-stranded DNA. Has low efficiency with single-stranded substrates. Requires molecular oxygen, alpha-ketoglutarate and iron.

組織特異性

Detected in colon, small intestine, ovary, testis, prostate, skeletal muscle, heart, liver and urinary bladder.

配列類似性

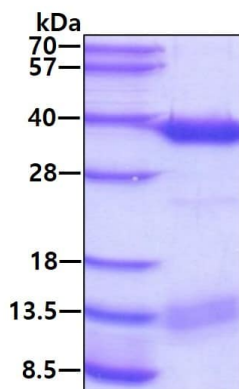
Belongs to the alkB family.

Contains 1 Fe2OG dioxygenase domain.

細胞内局在

Nucleus. Detected in replication foci during S-phase.

画像



15% SDS-PAGE analysis of ab105622 (3μg)

SDS-PAGE - Recombinant Human ALKBH2 protein
(ab105622)

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