abcam

Product datasheet

Recombinant Human Metnase protein ab125543

画像数 1

製品の詳細

製品名	Recombinant Human Metnase protein
精製度	> 85 % SDS-PAGE. Purity was determined to be >85% by densitometry. Affinity purified.
発現系	Baculovirus infected Sf9 cells
アクセッション番号	Q53H47
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
予測される分子量	69 kDa including tags
領域	1 to 671

特性

Our **Abpromise guarantee** covers the use of **ab125543** 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
製品の状態	Liquid
備考	Previously labelled as SETMAR.

前処理および保存

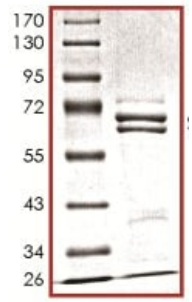
保存方法および安定性	Shipped on dry ice. Upon delivery aliquot and store at -80ºC. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.31% Glutathione, 0.002% PMSF, 0.004% DTT, 0.79% Tris HCl, 0.003% EDTA, 25% Glycerol (glycerin, glycerine), 0.88% Sodium chloride

関連情報

機能	Histone methyltransferase that methylates 'Lys-4' and 'Lys-36' of histone H3, 2 specific tags for

	epigenetic transcriptional activation. Specifically mediates dimethylation of H3 'Lys-36'. Has sequence-specific DNA-binding activity and recognizes the 19-mer core of the 5'-terminal inverted repeats (TIRs) of the Hsmar1 element. Has DNA nicking activity. Has in vivo end joining activity and may mediate genomic integration of foreign DNA.
組織特異性	Widely expressed, with highest expression in placenta and ovary and lowest expression in skeletal muscle.
配列類似性	In the N-terminal section; belongs to the histone-lysine methyltransferase family. In the C-terminal section; belongs to the mariner transposase family. Contains 1 post-SET domain. Contains 1 pre-SET domain. Contains 1 SET domain.
ドメイン	The mariner transposase Hsmar1 region mediates DNA-binding. It has no transposase activity because the active site contains an Asn in position 610 instead of a Asp residue.
細胞内局在	Nucleus. Chromosome.

画像



SDS-PAGE - Recombinant Human Metnase protein (ab125543)

SDS-PAGE analysis of ab125543.

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