

# Recombinant Human KMT3C / SMYD2 protein ab107699

## 1 图像

### 描述

产品名称	重组人KMT3C / SMYD2蛋白
纯度	> 85 % SDS-PAGE. The purity was determined to be >85% by densitometry. Affinity purified.
表达系统	Baculovirus infected Sf9 cells
Accession	<a href="#">Q9NRG4</a>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
预测分子量	70 kDa including tags
氨基酸	1 to 371

### 技术指标

Our **Abpromise guarantee** covers the use of **ab107699** 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 Western blot
形式	Liquid

### 制备和贮存

稳定性和存储	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.307% Glutathione, 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 0.00292% EDTA, 25% Glycerol, 0.29% Sodium chloride
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### 常规信息

功能	Protein-lysine N-methyltransferase that methylates both histones and non-histone proteins.
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Specifically methylates histone H3 'Lys-4' (H3K4me) and dimethylates histone H3 'Lys-36' (H3K36me2). Has also methyltransferase activity toward non-histone proteins such as p53/TP53 and RB1. Monomethylates 'Lys-370' of p53/TP53, leading to decreased DNA-binding activity and subsequent transcriptional regulation activity of p53/TP53. Monomethylates 'Lys-860' of RB1/RB.

#### 序列相似性

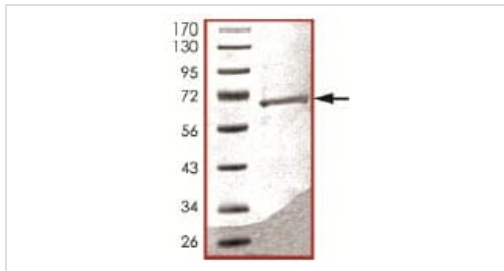
Contains 1 MYND-type zinc finger.

Contains 1 SET domain.

#### 细胞定位

Cytoplasm > cytosol. Nucleus.

#### 图片



SDS-PAGE analysis of ab107699

SDS-PAGE - Recombinant Human KMT3C /  
SMYD2 protein (ab107699)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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