

Recombinant Human SAHH protein ab99326

2 References 2 图像

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| 描述 | |
| 产品名称 | 重组人SAHH蛋白 |
| 纯度 | > 95 % SDS-PAGE. ab99326 is purified using conventional chromatography techniques. |
| 表达系统 | Escherichia coli |
| Accession | <u>P23526</u> |
| 蛋白长度 | Full length protein |
| 无动物成分 | No |
| 性质 | Recombinant |
| 种属 | Human |
| 序列 | MGSSHHHHHHSSGLVPRGSHMSDKLPYKVADIGLAAWGRK ALDIAENEMP GLMRMRERYSASKPLKGARIAGCLHMTVETAVLIETLVTLGA EVQWSSCN IFSTQDHAAAAIAKAGIPVYAWKGETDEEYLWCIEQTLYFKD GPLNMILD DGGDLTNLIHTKYPQLLPGIRGISEETTTGVHNLYKMMANGI LKVPAINV NDSVTKSKFDNLYGCRESLIDGIKRATDVMIAGKVAVVAGYG DVGKGCAQ ALRGFGARVIITEIDPINALQAAMEGYEVTTMDEACQEGNIF VTTTGCID IILGRHFEQMKDDAIVCNIGHFDVEIDVKWLNENAVEKVNIK PQVDRYRL KNGRRIILLAEGRLVNLGCAMGHPSFVMSNSFTNQVMAQIEL WTHPDKYP VGVFHLPKKLDEAVAEHLGKLNVKLTKLTEKQAQYLGMSCD GPFKPDHY RY |
| 预测分子量 | 50 kDa including tags |
| 氨基酸 | 1 to 432 |
| 标签 | His tag N-Terminus |
| 技术指标 | |

Our **Abpromise guarantee** covers the use of **ab99326** in the following tested applications.

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

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| 应用 | Western blot |
| | SDS-PAGE |
| | Mass Spectrometry |
| 质谱法 | MALDI-TOF |
| 形式 | Liquid |
| 补充说明 | This product was previously labelled as S adenosylhomocysteine hydrolase |

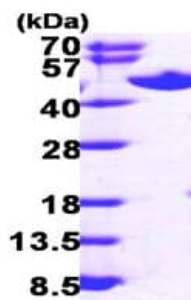
制备和贮存

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| 稳定性和存储 | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| | pH: 7.40 |
| | Constituents: 20% Glycerol (glycerin, glycerine), PBS |

常规信息

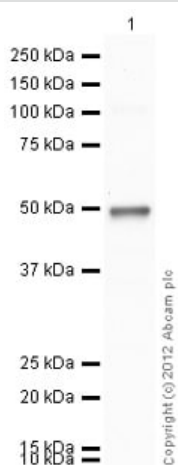
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| 功能 | Adenosylhomocysteine is a competitive inhibitor of S-adenosyl-L-methionine-dependent methyl transferase reactions; therefore adenosylhomocysteinase may play a key role in the control of methylations via regulation of the intracellular concentration of adenosylhomocysteine. |
| 通路 | Amino-acid biosynthesis; L-homocysteine biosynthesis; L-homocysteine from S-adenosyl-L-homocysteine: step 1/1. |
| 疾病相关 | Defects in AHCY are the cause of hypermethioninemia with S-adenosylhomocysteine hydrolase deficiency (HMAHCHD) [MIM:613752]. A metabolic disorder characterized by hypermethioninemia associated with failure to thrive, mental and motor retardation, facial dysmorphism with abnormal hair and teeth, and myocardiopathy. |
| 序列相似性 | Belongs to the adenosylhomocysteinase family. |
| 细胞定位 | Cytoplasm. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV. |

图片



SDS-PAGE - Recombinant Human SAHH protein
(ab99326)

15% SDS-PAGE showing ab99326 (3µg).



Western blot - Recombinant Human SAHH protein
(ab99326)

Anti-SAHH antibody (**ab56146**) at 1 µg/ml + Recombinant Human SAHH protein (ab99326) at 0.1 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) preadsorbed (**ab97080**) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Exposure time: 90 seconds

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

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