

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

MAT1A, 1-395aa, Human, His tag, E.coli

产品货号: TP02916

第三版

别名:S-adenosylmethionine synthetase, MAT, MATA1, SAMS, SAMS1

描述:MAT1A catalyzes the formation of S-adenosyltransferase (AdoMet) for methionine catabolism in the liver. MAT1A expression also correlates with a differentiated phenotype, whereas liver cells expressing MAT2A present a dedifferentiated phenotype and lowered AdoMet synthesis. Likewise, NF- $\kappa$ B and TNF- $\alpha$  cause a switch from MAT1A to MAT2A expression in human hepatocellular carcinoma (HCC), which facilitates cancer cell growth.

配方:Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 1mM DTT,0.1M NaCl, 10% glycerol

分子量:45.6 kDa (414aa)

序列:

MGSSHHHHHSSGLVPRGSHMNGPVDGLCDHSLSEGVFMFTSESVGEGHPDKICDQISDAVLDAHLKQDPNAKVACETV  
CKTGMVLLCGEITSMAMVDYQRVVRDTIKHIGYDDSAKGFDFKTCNVLVALEQQSPDIAQCVHLDRNEEDVGAGDQG  
LMFGYATDETEECMPLTIILAHKLNARMADLRRSGLLPWLRPDSKTQVTVQYMQDNGAVIPVRIHTIVISVQHNEEDITLLE  
MRRALKEQVIRAVVPAKYLDEDTVYHLQPSGRFVIGGPQGDAGVTGRKIIVDTYGGWGAHGGGAFSGKDYTKVDRSAA  
YAARWVAKSLVKAGLCRRVLVQVSYAIGVAEPLSISIFTYGTSGKTERELLDVVHKNFDLRPGVIVRDLDLKKPIYQKTACY  
GHFGRSEFPWEVPRKLVF

纯度:> 95% by HPLC

浓度:0.5 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 °C 保存 (1-2 周). 长期保存在-20 °C 或者-70 °C. 避免反复冻融.