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Recombinant Human Glycine N-Methyltransferase/GNMT Protein(N-6His)

产品货号: TP06194

第三版

别名:Glycine N-Methyltransferase; GNMT

描述:Glycine N-Methyltransferase (GNMT) is a tetrameric cytosolic protein. GNMT catalyzes the synthesis of N-methylglycine from glycine using S-adenosylmethionine (AdoMet) as the methyl donor. It can affect DNA methylation by regulating the ratio of S-adenosylmethionine to S-adenosylhomocystine, playing an important role in maintaining normal AdoMet levels. GNMT is highly expressed in liver. As a major folate-binding protein, GNMT takes part in the detoxification pathway. Defects in GNMT are the cause of hypermethioninemia. The patients with this deficiency are mild hepatomegaly and chronic elevation of serum transaminases.

配方:PBS

分子量:34.9 kDa

序列:Met 1-Asg294

纯度:> 95% by HPLC

浓度:

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.