

GNMT, 1-295aa, Human,His-Tagged, Recombinant, E.coli

Cat.NO.: TP02297

3th Edition

Synonyms:Glycine N-methyltransferase

Description:Glycine N-methyltransferase, also known as GNMT, catalyzes the synthesis of N-methylglycine (sarcosine) from glycine using S-adenosylmethionine (AdoMet) as the methyl donor. This protein affects DNA methylation by regulating the ratio of S-adenosylmethionine to S-adenosylhomocystine and participates in the detoxification pathway in liver cells.

Form:Liquid in 20mM Tris pH 8.0, 20% glycerol

Molecular Weight:34.9 kDa (315 aa)

Sequences:

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.