

Datasheet for ABIN666718

GNMT Protein (AA 1-295) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	GNMT
Protein Characteristics:	AA 1-295
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This GNMT protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	GNMT, 1-295aa, Human, His-Tagged, Recombinant, E.coli
Purity:	> 95 % by SDS - PAGE

Target Details

Target:	GNMT
Alternative Name:	GNMT (GNMT Products)
Background:	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. Also it is reported that GNMT expression is diminished in human hepatocellular carcinoma (HCC).

Target Details

	Recombinant human GNMT protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: GNMT, Glycine N-methyltransferase, Glycine N-methyltransferase EC 2.1.1.20, Glycine N methyltransferase. NCBI no.: NP_061833
Molecular Weight:	34.9kDa (315aa), confirmed by MALDI-TOF.
Pathways:	Cellular Glucan Metabolic Process , Regulation of Carbohydrate Metabolic Process

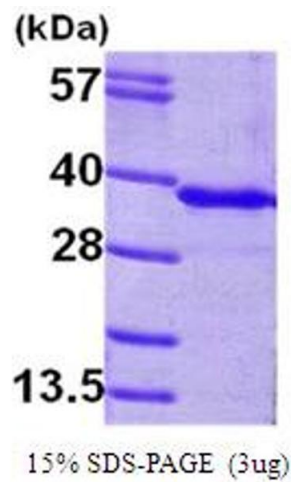
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Concentration:	1 mg/ml (determined by Bradford assay)
Buffer:	Liquid in 20mM Tris pH 8.0, 20% glycerol
Storage:	4 °C

Images



SDS-PAGE

Image 1.