

Datasheet for ABIN4370965

GAMT Protein (AA 1-236) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	GAMT
Protein Characteristics:	AA 1-236
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This GAMT protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Guanidinoacetate N-Methyltransferase/GAMT (N, C-6His)
Sequence:	MGSSHHHHHH SSGLVPRGSH MSAPSATPIF APGENCSPAW GAAPAAAYDAA DTHLRILGKP VMERWETPYM HALAAAASSK GGRVLEVGFG MAIAASKVQE APIDEHWIIE CNDGVFQRLR DWAPRQTHKV IPLKGLWEDV APTLPDGHFD GILYDTPLS EETWHTHQFN FIKNHAFRL KPGGVLTTCN LTSWGELMKS KYSDITIMFE ETQVPALLEA GFRRENIRTE VMALVPPADC RYYAFPQMIT PLVTKGLEHH HHHH
Characteristics:	Recombinant Human Guanidinoacetate N-Methyltransferase/GAMT (N, C-6His)
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	GAMT
Alternative Name:	Guanidinoacetate N-Methyltransferase/GAMT (GAMT Products)
Molecular Weight:	29.5 kDa
UniProt:	Q14353

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 1 mM DTT, pH 8.0 .
Preservative:	Dithiothreitol (DTT)
Precaution of Use:	This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	-80 °C
Storage Comment:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Expiry Date:	6 months