

Recombinant Human GAMT Protein, MYC/DDK-tagged

Cat. No. GAMT-1250H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human GAMT protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a methyltransferase that converts guanidoacetate to creatine, using S-adenosylmethionine as the methyl donor. Defects in this gene have been implicated in neurologic syndromes and muscular hypotonia, probably due to creatine deficiency and accumulation of guanidinoacetate in the brain of affected individuals. Two transcript variants encoding different isoforms have been described for this gene. Pseudogenes of this gene are found on chromosomes 2 and 13. [provided by RefSeq, Feb 2012].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	29.2 kDa
Purity	>50 ug/mL as determined by microplate BCA method
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	GAMT guanidinoacetate N-methyltransferase [Homo sapiens]
Official Symbol	GAMT
Synonyms	CCDS2; HEL-S-20; PIG2; TP53I2
Gene ID	2593
mRNA Refseq	NM_000156
Protein Refseq	NP_000147
MIM	601240
UniProt ID	Q14353

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