# Recombinant Human GAMT, GST-tagged

**Cat. No.** GAMT-13148H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human GAMT protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | 1-236a.a. |
| **Description** | Gasdermin D is a member of the gasdermin family. Members of this family appear to play a role in regulation of epithelial proliferation. Gasdermin D has been suggested to act as a tumor suppressor. Alternatively spliced transcript variants have been described. |
| **Storage** | The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles. |
| **Storage Buffer** | 1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100,15%glycerol. |

## GENE INFORMATION

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| **Gene Name** | GAMT guanidinoacetate N-methyltransferase [ Homo sapiens ] |
| **Official Symbol** | GAMT |

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| **Synonyms** | GAMT; guanidinoacetate N-methyltransferase; PIG2; TP53I2; |
| **Gene ID** | 2593 |
| **mRNA Refseq** | NM_000156 |
| **Protein Refseq** | NP_000147 |
| **MIM** | 601240 |
| **UniProt ID** | Q14353 |
| **Chromosome Location** | 19p13.3 |
| **Pathway** | Arginine and proline metabolism, organism-specific biosystem; Arginine and proline metabolism, conserved biosystem; Creatine metabolism, organism-specific biosystem; Creatine pathway, organism-specific biosystem; Creatine pathway, conserved biosystem; Glycine, serine and threonine metabolism, organism-specific biosystem; Glycine, serine and threonine metabolism, conserved biosystem; |
| **Function** | guanidinoacetate N-methyltransferase activity; methyltransferase activity; transferase activity; |

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