

## Active Recombinant Human NNMT protein, GST-tagged

Cat. No. NNMT-193H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human NNMT fused with GST tag at N-terminal was expressed in Insect cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>Description</b>	Nicotinamide N-methyltransferase (NNMT) is expressed predominantly in the liver, and mediates the N-methylation of nicotinamide and other pyridines. The activity of NNMT is involved in drug and xenobiotic toxicity. NNMT has also been identified as serum tumor marker for colorectal cancer, as well as potential marker in urine-based diagnostic test for bladder cancer.
<b>Form</b>	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
<b>Bio-activity</b>	220 nmol/min/mg
<b>Molecular Mass</b>	54 kDa
<b>Purity</b>	>95%
<b>Applications</b>	Methyltransferase Assay
<b>Stability</b>	1 year at -70 centigrade from the date of shipment

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage** Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

**Concentration** 0.1 µg/µl

## GENE INFORMATION

**Gene Name** [NNMT nicotinamide N-methyltransferase \[ Homo sapiens \]](#)

**Official Symbol** [NNMT](#)

**Synonyms** NNMT; nicotinamide N-methyltransferase;

**Gene ID** [4837](#)

**mRNA Refseq** [NM\\_006169](#)

**Protein Refseq** [NP\\_006160](#)

**MIM** [600008](#)

**UniProt ID** [P40261](#)

**Chromosome Location** 11q23.1

**Pathway** Biological oxidations, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Methylation, organism-specific biosystem; Nicotinate and nicotinamide metabolism, organism-specific biosystem; Nicotinate and nicotinamide metabolism, conserved biosystem; Phase II

 Tel: 1-631-559-9269 1-516-512-3133

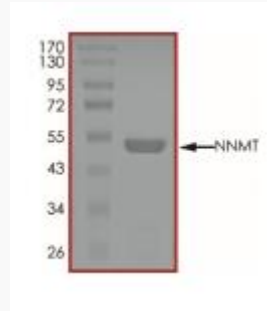
 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

conjugation, organism-specific biosystem;

**Function**

methyltransferase activity; nicotinamide N-methyltransferase activity; transferase activity;



 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA