

## Recombinant Human NNMT, T7 -tagged

**Cat. No.** NNMT-27994TH    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length protein, corresponding to Human NNMT fused with T7 tag at N-terminus.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	N-methylation is one method by which drug and other xenobiotic compounds are metabolized by the liver. This gene encodes the protein responsible for this enzymatic activity which uses S-adenosyl methionine as the methyl donor.
<b>Conjugation</b>	T7
<b>Tissue specificity</b>	Predominantly expressed in the liver. A lower expression is seen in the kidney, lung, skeletal muscle, placenta and heart. Not detected in the brain or pancreas.
<b>Form</b>	Liquid
<b>Purity</b>	>95% by SDS-PAGE
<b>Storage buffer</b>	Preservative: 0.002% Sodium Azide Constituents: 0.1% Triton-X-100, 10mM Tris, pH 8
<b>Storage</b>	Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles.

 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

<b>Sequence Similarities</b>	Belongs to the NNMT/PNMT/TEMT family.
<b>Full Length</b>	Full L.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	NNMT nicotinamide N-methyltransferase [ Homo sapiens ]
<b>Official Symbol</b>	NNMT
<b>Synonyms</b>	NNMT; nicotinamide N-methyltransferase;
<b>Gene ID</b>	4837
<b>mRNA Refseq</b>	NM_006169
<b>Protein Refseq</b>	NP_006160
<b>MIM</b>	600008
<b>Uniprot ID</b>	P40261
<b>Chromosome Location</b>	11q23.1
<b>Pathway</b>	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;
<b>Function</b>	methyltransferase activity; nicotinamide N-methyltransferase activity; transferase

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activity;

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