

NNMT recombinant protein

NNMT, Active

CATALOG # AAA73036	HOST Sf9 insect cells using baculovirus	APPLICATIONS Methyltransferase Assay
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PRODUCT SYNONYMS

NNMT; Active; NNMT recombinant protein

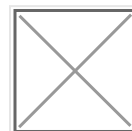
PRODUCT SPECIFICATIONS

Host	Sf9 insect cells using baculovirus
Form/Format	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Sequence Positions	Full length
Sequence Length	1579
Applicable Applications for NNMT recombinant protein	Methyltransferase Assay
Species	Human
Tag	GST tag
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. 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.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for NNMT recombinant protein	Description: Recombinant full-length human NNMT was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. Scientific Background: 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 (1). NNMT has also been identified as serum tumor marker for colorectal cancer (2), as well as potential marker in urine-based test for bladder cancer (3).
Product Categories/Family for NNMT recombinant protein	Enzymes ; Active Methyltransferases

References	1. Aksoy, S., et al. Human liver nicotinamide N-methyl-transferase. cDNA cloning, expression, and biochemical characterization. J Biol Chem. 269 (20):14835-40, 1994. 2. Roessler, M., et al. Identification of nicotinamide N-methyl-transferase as a novel serum tumor marker for colorectal cancer. Clin Cancer Res. 11 (18):6550-7, 2005. 3. Sartini, D., et al. Upregulation of tissue and urinary nicotinamide N-methyltransferase in bladder cancer: potential for the development of a urine-based diagnostic test. Cell Biochem Biophys. 65 (3):473-83, 2013.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	62953139
NCBI GeneID	4837
NCBI Accession #	NM_006169.2
NCBI GenBank Nucleotide #	NM_006169
UniProt Accession #	P40261
Molecular Weight	54 kDa
NCBI Official Full Name	Homo sapiens nicotinamide N-methyltransferase (NNMT), mRNA
NCBI Official Synonym Full Names	nicotinamide N-methyltransferase
NCBI Official Symbol	NNMT
NCBI Protein Information	nicotinamide N-methyltransferase
UniProt Protein Name	Nicotinamide N-methyltransferase
UniProt Gene Name	NNMT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/nnmt-recombinant-protein-sf9-insect-cells-using-baculovirus-methyltransferase-assay/73036>