

NNMT recombinant protein

NNMT (Dog), Active

CATALOG # AAA73777	HOST Sf9 insect cells	APPLICATIONS Methyltransferase Assay
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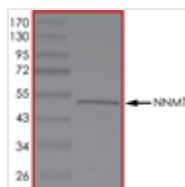
PRODUCT SYNONYMS

NNMT; NNMT (Dog); Active; NNMT recombinant protein

PRODUCT SPECIFICATIONS

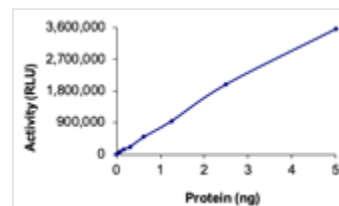
Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for NNMT recombinant protein	Methyltransferase Assay
Tag	GST
Species	Canis lupus
Dry Ice Note	The product may be 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



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for NNMT recombinant protein	Recombinant full-length Canis lupus NNMT was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The NNMT accession number is XM_546514. 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 test for bladder cancer (3).
Product Categories/Family for NNMT recombinant protein	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.

NCBI AND UNIPROT INFORMATION

Molecular Weight

54kDa

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://www.aaabiotech.com/nnmt-recombinant-protein-sf9-methyltransferase-assay/73777>