

Product information



NNMT, 1-264 aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP0320

Full name: Nicotinamide N-methyltransferase

NCBI Accession No.: NP_006160

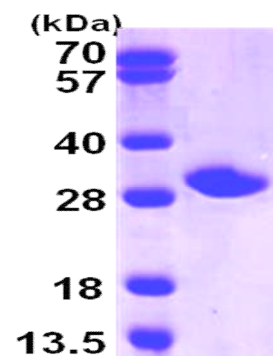
Description: NNMT(Nicotinamide N-methyltransferase) belongs to the family of transferases, specifically those transferring one-carbon group methyltransferases. It is predominantly expressed in the liver, and a lower expression is seen in the kidney, lung, skeletal muscle, placenta and heart. NNMT catalyzes the N-methylation of nicotinamide and other pyridines to form pyridinium ions. This activity is important for biotransformation of many drugs and xenobiotic compounds. Recombinant human NNMT protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography.

Form: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol

Molecular Weight: 31.7 kDa (284aa)

Purity: > 95% by SDS - PAGE

Concentration: 1 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHH SSGLVPRGSH MESGFTSKDT YLSHFNPRDY LEKYYKFGSR HSAESQILKH LLKNLFKIFC LDGVKGDLLI DIGSGPTIYQ
LLSACESFKE IVVTDYSDQN LQELEKWLKK EPEAFDWSVP VTYVCDLEGN RVKGPEKEEK LRQAVKQVLK CDVTQSQPLG AVPLPPADCV
LSTLCLDAAC PDLPTYCRAL RNLGSELLKPG GFLVIMDALK SSYMIIGEQQ FSSLPLGREAA VEA AVKEAGY TIEWFEVISQ SYSSTMANNE
GLFSLVARKL SRPL

General references:

Parsons RB., *et al.* (2002). *J Neuropathol Exp Neurol.* 61(2):111-24.

Smith ML., *et al.* (1998). *Biochim Biophys Acta.* 1442(2-3):238-44.

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.

Product information



Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

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