

**NNMT, 1-264 aa, Human, His-tagged, Recombinant, E.coli**

**Cat.NO.: TP03181**

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3th Edition

**Synonyms:** Nicotinamide N-methyltransferase

**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.

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

**Molecular Weight:** 31.7 kDa (284aa)

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMESGFTSKDTYLSHFNPRDYLEKYYKFGSRHSAESQILKHLKLNLFKIFCLDGVKG  
DLLIDIGSGPTIYQLLSACESFKEIVVTDYSDQNLQELEKWLKKEPEAFDWSPVVTYVCDLEGNRVKGPEKEEKLRQ  
AVKQVLKCDVTQSQPLGAVPLPPADCVLSTLCLDAACPDLPITYCRALRNLGSLKPGGFLVIMDALKSSYYMIGEYK  
FSSLPLGREAVEAAVKEAGYTIEWFEVISQSYSSTMANNEGLFSLVARKLSRPL

**Purity:** > 95% by HPLC

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

**Endotoxin Level:** <1.0 EU per 1 ug of protein (determined by LAL method)

**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.