

Human NNMT Recombinant Protein



RPPB2031

Product Information Protein Information

Product SKU:

RPPB2031

Accession:

P40261

Host:

Escherichia Coli.

Protein description:

NNMT Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 284 amino acids (1-264 a.a) and having a molecular mass of 37.7kDa. NNMT is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Nicotinamide N-methyltransferase, EC 2.1.1.1, NNMT.

Formulation:

NNMT protein solution (1mg/ml) containing 20 mM Tris-HCl buffer (pH 8.0) and 20% glycerol.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SSSLVPRGSH MESGFTSKDT YLSHFNPRDY LEKYYKFGSR HSAESQILKH LLKNLFKIFC
LDGVKGDLLI DIGSGPTIYQ LLSACESFKE IVVTDYSDQN LQELEKWLKK EPEAFDWSPV VTYVCDLEGN
RVKGPKEEEK LRQAVKQVLK CDVTQSQPLG AVPLPPADCV LSTLCLDAAC PDLPTYCRAL RNLGSLKPG
GFLVIMDALK SSYIMIGEYK FSSLPLGREAV EAAVKEAGY TIEWFEVISQ SYSSTMANNE GLFSLVARKL SRPL

Biological Activity:

Specific activity is > 100 nmol/min/mg, and is defined as the amount of enzyme that transfer 1.0 nmole of methyl group per minute at 37C.