

Active Recombinant Human NNMT Protein, His tagged

Cat. No. NNMT-143H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NNMT protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Species	Human
Source	E.coli
ProteinLength	1-264 aa
Description	N-methylation is one method by which drug and other xenobiotic compounds are metabolized by the liver. This gene encodes the protein responsible for this enzymatic activity which uses S-adenosyl methionine as the methyl donor.
Form	Liquid in 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol
Bio-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 37 centigrade.
Molecular Mass	37.7 kDa (284aa) confirmed by MALDI-TOF
AASequence	MGSSHHHHHHSSGLVPRGSHMESGFTSKDTYLSHFNPRDYLEKYYKFGSRHSAES QILKHLLKNLFKIFCLDGVKGDLLIDIGSGPTIYQLLSACESFKEIVVTDYSDQNLQELE KWLKKEPEAFDWSPVVITYCDLEGNRVKGPKEEEKLRQAVKQVLKCDVTQSQPLG AVPLPPADCVLSTLCLDAACPDLP TYCRALRNLGSLKPGGFLVIMDALKSSYYMIGE QKFSSLPLGREAVEAAVKEAGYTIEWFEVISQSYSSTMANNEGLFSLVARKLSRPL

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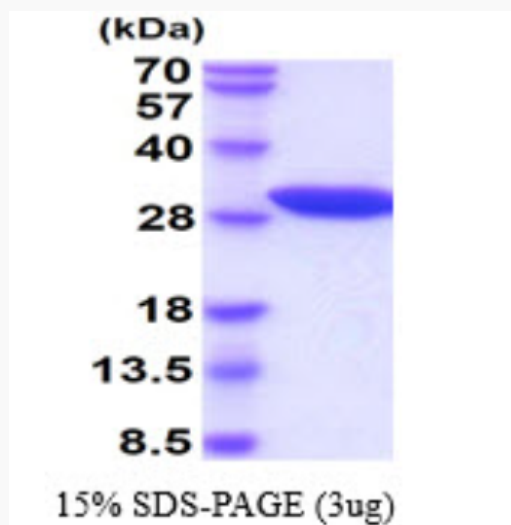
Purity	> 95% by SDS-PAGE
Applications	Enzyme Activity,SDS-PAGE
Notes	For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/mL (determined by Bradford assay)
GENE INFORMATION	
Gene Name	NNMT nicotinamide N-methyltransferase [Homo sapiens (human)]
Official Symbol	NNMT
Synonyms	NNMT; nicotinamide N-methyltransferase;
Gene ID	4837
mRNA Refseq	NM_006169
Protein Refseq	NP_006160
MIM	600008
UniProt ID	P40261

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SDS-PAGE



3 μ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

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