

## Active Recombinant Human NNMT Protein, His tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant human NNMT protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-264 aa
<b>Description</b>	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.
<b>Form</b>	Liquid in 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	37.7 kDa (284aa) confirmed by MALDI-TOF
<b>AASequence</b>	MGSSHHHHHSSGLVPRGSHMESGFTSKDTYLSHFNPRDYLEKYYKFGSRHSAES QILKHLKLNLFKIFCLDGVKGDLLIDIGSGPTIYQLLSACESFKEIVVTDYSDQNLQELE KWLKKEPEAFDWSPVVITYVCDLEGNRVKGPEKEEKLQAVKQVLKCDVTQSQPLG AVPLPPADCVLSTLCLDAACPDLP TYCRALRNLG SLLKPGGFLVIMDALKSSYYMIGE QKFSSLPLGREAVEAAVKEAGYTIIEWFEVISQSYSSTMANNEGLFSLVARKLSRPL

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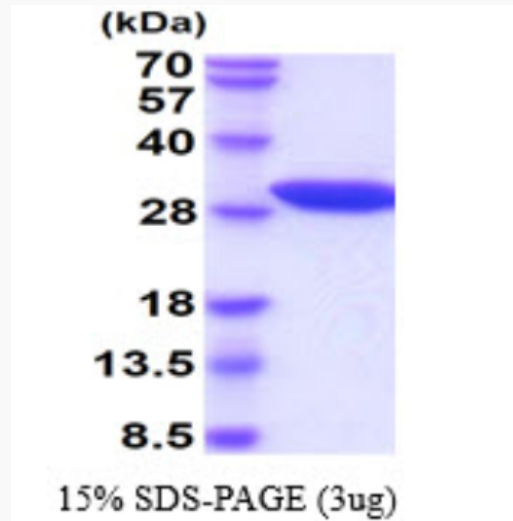
<b>Purity</b>	> 95% by SDS-PAGE
<b>Applications</b>	Enzyme Activity, SDS-PAGE
<b>Notes</b>	For research use only. This product is not intended or approved for human, diagnostics or veterinary use.
<b>Storage</b>	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store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

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SDS-PAGE



3  $\mu$ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

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