

Bioactive

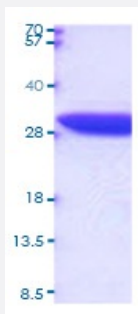
Full-Length

NNMT (Human) Recombinant Protein

Catalog # P6826

Size 20 ug

Applications



15% SDS-PAGE under reducing condition and visualized by coomassie blue stain.

Specification

Product Description	Human Nicotinamide N-Methyltransferase/NNMT protein (NP_006160, 1 a.a.-264 a.a.) full length recombinant protein with His tag expressed in <i>Escherichia coli</i> .
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	37.7
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 95% by SDS-PAGE
Activity	Specific activity is > 100 nmol/min/mg, and is defined as the amount of enzyme that transfer 1.0 nmol of methyl group per minute at 37°C.
Quality Control Testing	15% SDS-PAGE under reducing condition and visualized by coomassie blue stain. 15% SDS-PAGE under reducing condition and visualized by coomassie blue stain.
Recommend Usage	SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In 20 mM Tris-HCl, pH 8.0 (20% glycerol)

Storage Instruction

Store at -20°C. For long term storage store at -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — NNMT

Entrez GeneID	4837
Protein Accession#	P40261
Gene Name	NNMT
Gene Alias	-
Gene Description	nicotinamide N-methyltransferase
Omim ID	600008
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	-

Pathway

- [Metabolic pathways](#)
- [Nicotinate and nicotinamide metabolism](#)

Disease

- [Aortic Aneurysm](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Ductus Arteriosus](#)
- [Genetic Predisposition to Disease](#)
- [Heart Defects](#)
- [Hyperhomocysteinemia](#)
- [Infant](#)
- [Migraine Disorders](#)
- [Migraine with Aura](#)
- [Prenatal Exposure Delayed Effects](#)
- [Spinal Dysraphism](#)
- [Stroke](#)