

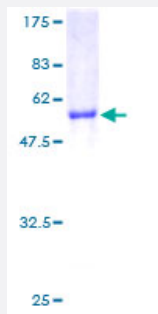
Full-Length

NNMT (Human) Recombinant Protein (P01)

Catalog # H00004837-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human NNMT full-length ORF (AAH00234, 1 a.a. - 264 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MESGFTSKDTYLSHFNPRDYLEKYYKFGSRHSAESQILKHLKLNLFKIFCLDGVKGDLLIDIGSGPTI
YQLLSACESFKENVTDYSDQNLQELEKWLKKEPEAFDWSPVVTYVCDLEGNRVKGPKEEEKLR
QAVKQVLKCDVTQSQPLGAVPLPPADCVLSTLCLDAACPDLPYCRALRNLGSLKPGGFLVIM
DALKSSYYMIGEQQFSSLPLGREAVEAAVKEAGYIEWFEVISQSYSSTMANNEGLFSLVARKLSR
PL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

54.78

Interspecies Antigen Sequence

Mouse (85); Rat (87)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NNMT

Entrez GeneID[4837](#)**GeneBank Accession#**[BC000234](#)**Protein Accession#**[AAH00234](#)**Gene Name**

NNMT

Gene Alias

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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

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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](#)