

Recombinant Human NNMT Protein, His/SUMO-tagged

Cat. No. NNMT-017H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NNMT protein with a N-terminal His-SUMO-tag was expressed in E.coli
Species	Human
Source	E.coli
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.
Molecular Mass	42.6 kDa
Purity	≥95% estimated by SDS-PAGE
Unit Definition	One unit is defined as the amount of enzyme required to transfer 1 μmol of a methyl group per minute at 37 centigrade using 100 μM nicotinamide.
Stability	≥ 6 months
Storage	-80 centigrade
Storage Buffer	50 mM Tris, pH 8.0, containing 500 mM sodium chloride, 5% glycerol, and 1 mM DTT
Shipping	Wet ice in continental US, may vary elsewhere.

 Tel: 1-631-559-9269 1-516-512-3133

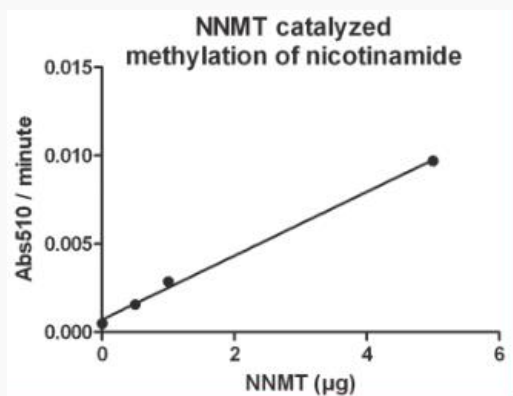
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	NNMT nicotinamide N-methyltransferase [Homo sapiens (human)]
Official Symbol	NNMT
Synonyms	NNMT; nicotinamide N-methyltransferase; nicotinamide N-methyltransferase; EC 2.1.1.1
Gene ID	4837
mRNA Refseq	NM_006169
Protein Refseq	NP_006160
MIM	600008
UniProt ID	P40261

NNMT catalyzed
methylation of
nicotinamide

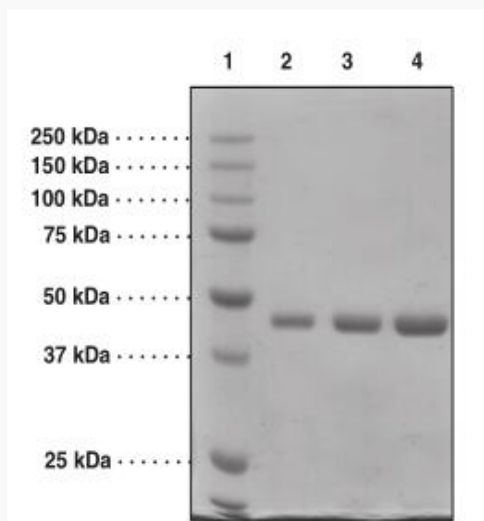


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SDS-PAGE Analysis of NNMT



Lane 1: MW Markers

Lane 2: NNMT (2 µg)

Lane 3: NNMT (4 µg)

Lane 4: NNMT (6 µg)