

## Recombinant Human NTMT1 protein, His-tagged

Cat. No. NTMT1-201H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human NTMT1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	NTMT1 also known as N-terminal Xaa-Pro-Lys N-methyltransferase1 isoform a. NTMT1 is catalyzes the transfer of the methyl group from the S-adenosyl-L-methionine to the protein alpha-amine, resulting in formation of S-adenosyl-L-homocysteine and alpha-N-methylated proteins. NTMT1 is an interesting potential anticancer target because it is overexpressed in gastrointestinal cancers and plays an important role in cell mitosis.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 0.15M NaCl, 10% glycerol
<b>Molecular Mass</b>	28.1kDa (248aa)
<b>AA Sequence</b>	MGSSHHHHHHH SSGLVPRGSH MGSEFMTSEV IEDEKQFYYSK AKTYWKQIPP TVDGMLGGYG HISSIDINSS RKFLQRFLRE GPNKTGTSCA LDCGAGIGRI TKRLLLPLFR EVDMDITED FLVQAKTYLG EEGKRVRYNYF CCGLQDFTPE PDSYDVIWIQ WVIGHLTDQH LAEFLRRCKG SLRPNGIIVI KDNMAQEGVI LDDVDSSVCR DLDVVRRIIC SAGLSLLAAE RQENLPDEIY HVYSFALR
<b>Purity</b>	> 95% by SDS - PAGE

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

**Storage** Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.

**Concentration** 0.5mg/ml (determined by Absorbance at 280nm)

## GENE INFORMATION

**Gene Name** [NTMT1 N-terminal Xaa-Pro-Lys N-methyltransferase 1 \[ Homo sapiens \]](#)

**Official Symbol** [NTMT1](#)

**Synonyms** NRMT; NTM1A; AD-003; HOMET1A; C9orf32; METTL11A; N-terminal RCC1 methyltransferase; X-Pro-Lys N-terminal protein methyltransferase 1A; alpha N-terminal protein methyltransferase 1A; methyltransferase-like protein 11A

**Gene ID**

**mRNA Refseq** [NM\\_001286796](#)

**Protein Refseq** [NP\\_001273725](#)

**MIM** [613560](#)

**UniProt ID** [Q9BV86](#)

**Chromosome Location** 9q34.11

**Function** N-terminal protein N-methyltransferase activity; protein methyltransferase activity

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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