Recombinant Human NTMT1 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant human NTMT1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	NTMT1 also known as N-terminal Xaa-Pro-Lys N-methyltrasferase1 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.
Form	Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 0.15M NaCl, 10% glycerol
Molecular Mass	28.1kDa (248aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSEFMTSEV IEDEKQFYSK AKTYWKQIPP TVDGMLGGYG HISSIDINSS RKFLQRFLRE GPNKTGTSCA LDCGAGIGRI TKRLLLPLFR EVDMVDITED FLVQAKTYLG EEGKRVRNYF CCGLQDFTPE PDSYDVIWIQ WVIGHLTDQH LAEFLRRCKG SLRPNGIIVI KDNMAQEGVI LDDVDSSVCR DLDVVRRIIC SAGLSLLAEE RQENLPDEIY HVYSFALR
Purity	> 95% by SDS - PAGE

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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; HOMT1A; 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

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