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N-terminal Xaa-Pro-Lys N-methyltransferase1 isoform a, 1-223aa, Human, His tag, E.coli

产品货号: TP03075

第三版

别名:AD-003, C9orf32, HOMET1A, METTL11A, NRMT, NTM1A, NTMT1.

描述: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. Recombinant human NTMT1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 0.15M NaCl, 10% glycerol

分子量:28.1kDa (248aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSEFMTSEVIEDEKQFYKAKTYWKQIPPTVDGMLGGYGHSSIDINSSRKFLQRFLREG
PNKTGTSCALDCGAGIGRITKRLLLPLFREVDMDITEDFLVQAKTYLGEEGKRVRNRYFCCGLQDFTPEPDSYDVIWIQW
VIGHLTDQHLEFLRRCKGSLRPNGIIVIKDNMAQEGVILDDVDSSVCRDLDVVRRIIICSAGLSLLAEERQENLPDEIYHVY
SFALR

纯度:> 95% by HPLC

浓度:0.5mg/ml (determined by Absorbance at 280nm)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.