9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-6864: NTMT1 Human

Alternative Name :	NTMT1, N-Terminal Xaa-Pro-Lys N-Methyltransferase 1, X-Pro-Lys N-Terminal Protein Methyltransferase 1A, Alpha N-Terminal Protein Methyltransferase 1A , Methyltransferase-Like Protein 11A , N-Terminal RCC1 Methyltransferase, METTL11A, C9orf32, NTM1A, NRMT, Chromosome 9 Open Reading Frame 32, Methyltransferase Like 11A, EC 2.1.1.244, AD-003, HOMT1A, NRMT1.

Description

Source: Escherichia Coli.
Sterile Filtered colorless solution.
N-terminal Xaa-Pro-Lys N-methyltrasferase1, also known as NTMT1 belongs to the methyltransferase superfamily. NTMT1 catalyzes the transfer of the methyl group from the S-adenosyl-l-methionine to the protein -amine, resulting in the formation of S-adenosyl-l-homocysteine and -N-methylated proteins. NTMT1 is a remarkable potential anticancer target since it is overexpressed in gastrointestinal cancers in addition to his essential function in cell mitosis.
NTMT1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 248 amino acids (1-223 a.a) and having a molecular mass of 28.1kDa. NTMT1 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	NTMT1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSEFMTSEV IEDEKQFYSK AKTYWKQIPP TVDGMLGGYG HISSIDINSS RKFLQRFLRE GPNKTGTSCA LDCGAGIGRI TKRLLLPLFR EVDMVDITED FLVQAKTYLG EEGKRVRNYF CCGLQDFTPE PDSYDVIWIQ WVIGHLTDQH LAEFLRRCKG

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