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**Product Data Sheet**


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Product Name: RNMTL1 Human

Cat. No.: GP22229

Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	RNA Methyltransferase Like 1; 16S RRNA (Guanosine(1370)-2-O)-Methyltransferase; 16S RRNA [Gm1370] 2-O-Methyltransferase; RNA Methyltransferase-Like Protein 1; HC90; MRM3; RRNA Methyltransferase 3; Mitochondrial; Putative RNA Methyltransferase; EC 2.1.1.-; EC 2.1.1; RMTL1; RNMTL1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMAALVRP ARFVVRPLLQ VVQAWDL DAR RWVRLRRSP VKVVFPSGEV VEQKRAPGKQ PRKAPSEASA QEQREKQPLE ESASRAPSTW EESGLRYDKA YPGDRRLSSV MTIVKSRPFR EKQGGKILLEG RRLISDALKA GAVPKMFFFS RLEYLKELPV DKLKGVSLIK VKFEDIKDWS DLVTPQGIMG IFAKPDHVKM TYPKTQLQHS LPLLLICDNL RDPGNLGTIL RSAAGAGCSK VLLTKGCVDA WEPKVL RAGM GAHFRMPIIN NLEWETV PNY LPPDTRVYVA DNCGLYAQAE MSNKASDHGW VCDQRVMKFH KYEEEEEDVET GASQDWLPHV EVQSYDSDWT EAPAAVVIGG ETYGVSL LESL QLAESTGGKR LLIPVVP GVD SLNSAMAASI LLFEGKRQLR GRAEDLSRDR SYH		
Formulation	RNMTL1 protein solution (1mg/ml) containing 20mM Tris-HCl (pH 8.0) and 10% glycerol.		

**Introduction**

RNA methyltransferase-like protein 1, also known as RNMTL1 is a member of the RNA methyltransferase TrmH family. RNMTL1 is probable RNA methyltransferase and expressed at an equal level in normal liver and hepatocarcinoma.

**Stability**

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%

**Caution: Product has not been fully validated for medical applications. For research use only.**

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

RNMTL1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 443 amino acids (1-420 a.a) and having a molecular mass of 49.4kDa. RNMTL1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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