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## Product Data Sheet

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Product Name: METTL21A Human  
 Cat. No.: GP21918  
 Batch No.: 1

### Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Protein N-lysine methyltransferase METTL21A; HSPA lysine methyltransferase; HSPA-KMT; Hepatocellular carcinoma-associated antigen 557b; Methyltransferase-like protein 21A; METTL21A; FAM119A; HCA557B; Methyltransferase Like 21A.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSTDRKVAL EFLKSNVQAN LPPHIQTKTV VKELTWGQNL GSFSPGEFDL ILGADIILE ETFTDLLQTL EHLCSNHSVI LLACRIRYER DNNFLAMLER QFTVRKVHYD PEKDVHIYEA QKRNQKEDL.		
Formulation	The METTL21A solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 30% glycerol.		

### Introduction

METTL21A, which is a part of the methyltransferase superfamily, is a Protein-lysine methyltransferase that in vitro methylates HSPA1, HSPA5 and HSPA8.

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

### Background

METTL21A Human Recombinant produced in E. coli is a single polypeptide chain containing 149 amino acids (93-218) and having a molecular mass of 17 kDa. METTL21A is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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

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