METTL21A Blocking Peptide

PRODUCT OVERVIEW

Product Name	METTL21A, Blocking Peptide
Full Product Name	METTL21A Blocking Peptide
Product Gene Name	METTL21A blocking peptide
Product Synonym Names	F119A_HUMAN; FAM119A; Family with sequence similarity 119 member A; HCA557b; Hepatocellular carcinoma-associated antigen 557b; Hypothetical protein LOC151194; LOC151194; Methyltransferase like 21A; Methyltransferase like protein 21A; METTL21A; MGC45373; P
Antibody/Peptide Pairs	METTL21A peptide (MBS9633590) is used for blocking the activity of METTL21A antibody (MBS9631207)
Molecular Weight	9,609 Da
OMIM	615257
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for METTL21A blocking peptide	MBS9633590 is a blocking peptide targeting METTL21A.
Other Notes	Small volumes of METTL21A blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for METTL21A. It may not necessarily be applicable to this product.

NCBI GI #	188528686
NCBI GeneID	151194
NCBI Accession #	NP_001120867.1
UniProt Primary Accession #	Q8WXB1
UniProt Secondary Accession #	Q53RV0; Q8N1Z9; Q96GH6
UniProt Related Accession #	Q8WXB1
GenBank Nucleotide #	NM_001127395.1
NCBI Official Full Name	protein N-lysine methyltransferase METTL21A
NCBI Official Synonym Full Names	methyltransferase like 21A
NCBI Official Symbol	METTL21A
NCBI Official Synonym Symbols	FAM119A; HCA557b; HSPA-KMT
UniProt Protein Name	Protein N-lysine methyltransferase METTL21A
UniProt Synonym Protein Names	HSPA lysine methyltransferase; HSPA-KMT; Hepatocellular carcinoma-associated antigen 557b; Methyltransferase-like protein 21A
Protein Family	Protein N-lysine methyltransferase

UniProt Gene Name	METTL21A
UniProt Synonym Gene Names	FAM119A; HCA557B
UniProt Entry Name	MT21A_HUMAN
NCBI Protein Information	protein N-lysine methyltransferase METTL21A; HSPA lysine methyltransferase; family with sequence similarity 119, member A; heat shock protein 70kDa lysine (K) methyltransferase; hepatocellular carcinoma-associated antigen 557b; methyltransferase-like prot
UniProt Comments for METTL21A	FAM119A: a methyltransferase of the METTL21 family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Methyltransferase, protein lysine; Membrane protein, integral; EC 2.1.1.- Chromosomal Location of Human Ortholog: 2q33.3 Cellular Component: cytoplasm Molecular Function: protein binding; protein-lysine N-methyltransferase activity; Hsp70 protein binding; ATPase binding Biological Process: regulation of ATPase activity; protein amino acid methylation; peptidyl-lysine methylation
Research Articles on METTL21A	**1.** methyltransferase METTL21A is the enzyme responsible for trimethylation of a conserved lysine residue found in several human Hsp70 (HSPA) proteins
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