

Product datasheet for **RC203680L3V**

METTL21B (EEF1AKMT3) (NM_015433) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	EEF1AKMT3
Synonyms:	FAM119B; METTL21B
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_015433
ORF Size:	678 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC203680).

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

RefSeq:	NM_015433.2
RefSeq Size:	2717 bp
RefSeq ORF:	681 bp
Locus ID:	25895
UniProt ID:	Q96AZ1
Cytogenetics:	12q14.1



MW: 24.9 kDa

Gene Summary: Protein-lysine methyltransferase that selectively methylates EEF1A1 and EEF1A2 at 'Lys-165' in an aminoacyl-tRNA and GTP-dependent manner. EEF1A1 methylation by EEF1AKMT3 is dynamic as well as inducible by stress conditions, such as ER-stress, and plays a regulatory role on mRNA translation.[UniProtKB/Swiss-Prot Function]