

Product datasheet for **MR202463L4V**

Mettl21a (NM_025964) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Mettl21a (NM_025964) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Mettl21a
Synonyms:	2310038H17Rik; AI464204; Fam119a
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_025964
ORF Size:	657 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR202463).
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_025964.2 , NP_080240.1
RefSeq Size:	2666 bp
RefSeq ORF:	657 bp
Locus ID:	67099
UniProt ID:	Q9CQL0
Cytogenetics:	1 C2



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Gene Summary:

Protein-lysine methyltransferase that selectively trimethylates residues in heat shock protein 70 (HSP70) family members. Contributes to the in vivo trimethylation of Lys residues in HSPA1 and HSPA8. In vitro methylates 'Lys-561' in HSPA1, 'Lys-564' in HSPA2, 'Lys-585' in HSPA5, 'Lys-563' in HSPA6 and 'Lys-561' in HSPA8 (By similarity).[UniProtKB/Swiss-Prot Function]