

Product datasheet for **KN310000RB**

Mettl21a Mouse Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 RFP-BSD donor, 1 scramble control
Donor DNA:	RFP-BSD
Symbol:	Mettl21a
Locus ID:	67099
Components:	KN310000G1 , Mettl21a gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN310000G2 , Mettl21a gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN310000RBD , donor DNA containing left and right homologous arms and RFP-BSD functional cassette. GE100003 , scramble sequence in pCas-Guide vector
Disclaimer:	These products are manufactured and supplied by OriGene under license from ERS. The kit is designed based on the best knowledge of CRISPR technology. The system has been functionally validated for knocking-in the cassette downstream the native promoter. The efficiency of the knock-out varies due to the nature of the biology and the complexity of the experimental process.
RefSeq:	NM_025964 , NM_001368283 , NM_001368284
UniProt ID:	Q9CQL0
Synonyms:	2310038H17Rik; AI464204; Fam119a
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]



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Product images:

