

Product datasheet for **KN317008BN**

Kmt5c Mouse Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
Donor DNA:	mBFP-Neo
Symbol:	Kmt5c
Locus ID:	232811
Components:	<p>KN317008G1, Kmt5c gRNA vector 1 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN317008G2, Kmt5c gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)</p> <p>KN317008BND, donor DNA containing left and right homologous arms and mBFP-Neo functional cassette.</p> <p>GE100003, scramble sequence in pCas-Guide vector</p>
RefSeq:	NM_001115018 , NM_146177 , NM_001358044
UniProt ID:	Q6Q783
Synonyms:	BC024816; Suv4-20h2; Suv420h2
Summary:	Histone methyltransferase that specifically trimethylates 'Lys-20' of histone H4. H4 'Lys-20' trimethylation represents a specific tag for epigenetic transcriptional repression. Mainly functions in pericentric heterochromatin regions, thereby playing a central role in the establishment of constitutive heterochromatin in these regions. KMT5C is targeted to histone H3 via its interaction with RB1 family proteins (RB1, RBL1 and RBL2).[UniProtKB/Swiss-Prot Function]



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Product images:

