

## Product datasheet for **KN308589BN**

### Kat8 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:	Kat8
Locus ID:	67773
Components:	<b>KN308589G1</b> , Kat8 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN308589G2</b> , Kat8 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN308589BND</b> , donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. <b>GE100003</b> , 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:	<a href="#">NM_026370</a> , <a href="#">NM_001360699</a>
UniProt ID:	<a href="#">Q9D1P2</a>
Synonyms:	2010203C02Rik; 5830450F21Rik; D7Ert629e; MOF; Myst1
Summary:	Histone acetyltransferase which may be involved in transcriptional activation. May influence the function of ATM. As part of the MSL complex it is involved in acetylation of nucleosomal histone H4 producing specifically H4K16ac. As part of the NSL complex it may be involved in acetylation of nucleosomal histone H4 on several lysine residues. That activity is less specific than the one of the MSL complex. Can also acetylate TP53/p53 at 'Lys-120'. [UniProtKB/Swiss-Prot Function]



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## Product images:

