Product datasheet for MR207314L3V

Kat8 (NM_026370) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

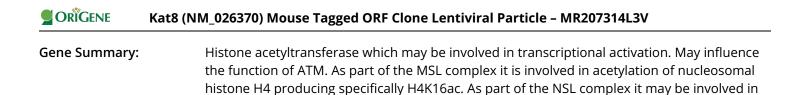|	
Product Type:	Lentiviral Particles
Product Name:	Kat8 (NM_026370) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Kat8
Synonyms:	2010203C02Rik; 5830450F21Rik; D7Ertd629e; MOF; Myst1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_026370
ORF Size:	1377 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR207314).
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_026370.1, NP_080646.1
RefSeq Size:	1503 bp
RefSeq ORF:	1377 bp
Locus ID:	67773
UniProt ID:	Q9D1P2
Cytogenetics:	7 69.83 cM

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Gene 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]