

Product datasheet for **RR200400L3V**

Crem (NM_001110860) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Crem (NM_001110860) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Crem
Synonyms:	Icer
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001110860
ORF Size:	1071 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR200400).
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_001110860.2 , NP_001104330.1
RefSeq Size:	4411 bp
RefSeq ORF:	1074 bp
Locus ID:	25620
UniProt ID:	Q03061
Cytogenetics:	17q12.1



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Gene Summary:

Transcriptional regulator that binds the cAMP response element (CRE), a sequence present in many viral and cellular promoters. Isoforms are either transcriptional activators or repressors. Isoform Delta is an activator. Plays a role in spermatogenesis and is involved in spermatid maturation. Binding of isoform Tau (activator) to CRE is increased by CREB3L4. The CREM isoform Tau-CREB3L4 heterodimer functions through CRE and may recruit HIRA to CRE to regulate histone exchange (By similarity).[UniProtKB/Swiss-Prot Function]