Product datasheet for MR210797L4V

Gtf3c4 (NM_172977) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Gtf3c4 (NM_172977) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Gtf3c4
Synonyms:	5330400C03; AI426938; AU014771; AU017413; KAT12; TFIIIC90
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_172977
ORF Size:	2451 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210797).
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_172977.3, NP_766565.2
RefSeq Size:	7021 bp
RefSeq ORF:	2454 bp
Locus ID:	269252
UniProt ID:	Q8BMQ2
Cytogenetics:	2 A3

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Gene Summary: Essential for RNA polymerase III to make a number of small nuclear and cytoplasmic RNAs, including 5S RNA, tRNA, and adenovirus-associated (VA) RNA of both cellular and viral origin. Has histone acetyltransferase activity (HAT) with unique specificity for free and nucleosomal H3. May cooperate with GTF3C5 in facilitating the recruitment of TFIIIB and RNA polymerase through direct interactions with BRF1, POLR3C and POLR3F. May be localized close to the A box (By similarity).[UniProtKB/Swiss-Prot Function]