

Product datasheet for **MR208702L4V**

Elp3 (NM_028811) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Elp3 (NM_028811) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Elp3
Synonyms:	2610507P14Rik; KAT9
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_028811
ORF Size:	1641 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR208702).
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_028811.1 , NP_083087.1
RefSeq Size:	2724 bp
RefSeq ORF:	1644 bp
Locus ID:	74195
UniProt ID:	Q9CZX0
Cytogenetics:	14 D1



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Gene Summary:

Catalytic histone acetyltransferase subunit of the RNA polymerase II elongator complex, which is a component of the RNA polymerase II (Pol II) holoenzyme and is involved in transcriptional elongation. Elongator may play a role in chromatin remodeling and is involved in acetylation of histones H3 and probably H4. Involved in acetylation of alpha-tubulin (By similarity). May also have a methyltransferase activity. Involved in cell migration. Involved in neurogenesis. Regulates the migration and branching of projection neurons in the developing cerebral cortex, through a process depending on alpha-tubulin acetylation (PubMed:19185337).[UniProtKB/Swiss-Prot Function]