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Product datasheet for MR221563L4V

Eloc (NM_026456) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Eloc (NM_026456) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Eloc
Synonyms:	2610043E24Rik; 2610301I15Rik; AA407206; AI987979; AW049146; Tceb1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_026456
ORF Size:	336 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(MR221563).`
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_026456.4, NP_080732.1
RefSeq Size:	968 bp
RefSeq ORF:	339 bp
Locus ID:	67923
UniProt ID:	P83940
Cytogenetics:	1 A3

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Gene Summary: SIII, also known as elongin, is a general transcription elongation factor that increases the RNA polymerase II transcription elongation past template-encoded arresting sites. Subunit A is transcriptionally active and its transcription activity is strongly enhanced by binding to the dimeric complex of the SIII regulatory subunits B and C (elongin BC complex) (By similarity). In embryonic stem cells, the elongin BC complex is recruited by EPOP to Polycomb group (PcG) target genes in order generate genomic region that display both active and repressive chromatin properties, an important feature of pluripotent stem cells (PubMed:27863225, PubMed:27863226).[UniProtKB/Swiss-Prot Function]