

Product datasheet for **MR221126L4V**

Klf16 (NM_078477) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Klf16 (NM_078477) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Klf16
Synonyms:	AI843742; BTEB4; DRRF
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_078477
ORF Size:	753 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR221126).
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_078477.2 , NP_510962.2
RefSeq Size:	2652 bp
RefSeq ORF:	756 bp
Locus ID:	118445
UniProt ID:	P58334
Cytogenetics:	10 C1



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Gene Summary:

Transcription factor that binds GC and GT boxes in the D1A, D2 and D3 dopamine receptor promoters and displaces Sp1 and Sp3 from these sequences. It modulates dopaminergic transmission in the brain by repressing or activating transcription from several different promoters depending on cellular context.[UniProtKB/Swiss-Prot Function]