

Product datasheet for **MR201634L3V**

Atf3 (NM_007498) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Atf3 (NM_007498) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Atf3
Synonyms:	LRG-21
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_007498
ORF Size:	546 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR201634).
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_007498.2 , NP_031524.2
RefSeq Size:	1981 bp
RefSeq ORF:	546 bp
Locus ID:	11910
UniProt ID:	Q60765
Cytogenetics:	1 96.28 cM



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Gene Summary:

This protein binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), a sequence present in many viral and cellular promoters. Represses transcription from promoters with ATF sites. It may repress transcription by stabilizing the binding of inhibitory cofactors at the promoter (By similarity).[UniProtKB/Swiss-Prot Function]