

## Product datasheet for **RC222638L4V**

### ATF3 (NM\_004024) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	ATF3 (NM_004024) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ATF3
Synonyms:	activating transcription factor 3; ATF3deltaZip2; ATF3deltaZip2c; ATF3deltaZip3; OTTHUMP00000034887; OTTHUMP00000034890
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004024
ORF Size:	405 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222638).
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. <a href="#">More info</a>
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:	<a href="#">NM_004024.4</a> , <a href="#">NP_004015.4</a>
RefSeq Size:	2270 bp
RefSeq ORF:	407 bp
Locus ID:	467
Cytogenetics:	1q32.3
Protein Families:	Transcription Factors
MW:	15.1 kDa



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**Gene Summary:**

This gene encodes a member of the mammalian activation transcription factor/cAMP responsive element-binding (CREB) protein family of transcription factors. This gene is induced by a variety of signals, including many of those encountered by cancer cells, and is involved in the complex process of cellular stress response. Multiple transcript variants encoding different isoforms have been found for this gene. It is possible that alternative splicing of this gene may be physiologically important in the regulation of target genes. [provided by RefSeq, Apr 2011]