

## Product datasheet for **RC218824L2V**

### TOX3 (NM\_001080430) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	TOX3 (NM_001080430) Human Tagged ORF Clone Lentiviral Particle
Symbol:	TOX3
Synonyms:	CAGF9; TNRC9
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_001080430
ORF Size:	1767 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218824).
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_001080430.1</a> , <a href="#">NP_001073899.1</a>
RefSeq Size:	2849 bp
RefSeq ORF:	1731 bp
Locus ID:	27324
UniProt ID:	<a href="#">O15405</a>
Cytogenetics:	16q12.1
MW:	64.7 kDa



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**Gene Summary:**

The protein encoded by this gene contains an HMG-box, indicating that it may be involved in bending and unwinding of DNA and alteration of chromatin structure. The C-terminus of the encoded protein is glutamine-rich due to CAG repeats in the coding sequence. A minor allele of this gene has been implicated in an elevated risk of breast cancer. Two transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Apr 2009]