

Product datasheet for **RC209846L2V**

FOXO3 (NM_001455) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	FOXO3 (NM_001455) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FOXO3
Synonyms:	AF6q21; FKHL1; FKHL1P2; FOXO2; FOXO3A
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_001455
ORF Size:	2019 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209846).
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_001455.2
RefSeq Size:	3338 bp
RefSeq ORF:	2022 bp
Locus ID:	2309
UniProt ID:	O43524
Cytogenetics:	6q21
Domains:	FH
Protein Families:	Druggable Genome, Transcription Factors


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Protein Pathways:	Chemokine signaling pathway, Endometrial cancer, Neurotrophin signaling pathway, Non-small cell lung cancer
MW:	71.1 kDa
Gene Summary:	This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. This gene likely functions as a trigger for apoptosis through expression of genes necessary for cell death. Translocation of this gene with the MLL gene is associated with secondary acute leukemia. Alternatively spliced transcript variants encoding the same protein have been observed. [provided by RefSeq, Jul 2008]