

Product datasheet for **RC200477L4V**

FOXO1 (NM_002015) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	FOXO1 (NM_002015) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FOXO1
Synonyms:	FKH1; FKHR; FOXO1A
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002015
ORF Size:	1965 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200477).
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_002015.2
RefSeq Size:	5723 bp
RefSeq ORF:	1968 bp
Locus ID:	2308
UniProt ID:	Q12778
Cytogenetics:	13q14.11
Domains:	FH
Protein Families:	Druggable Genome, Transcription Factors



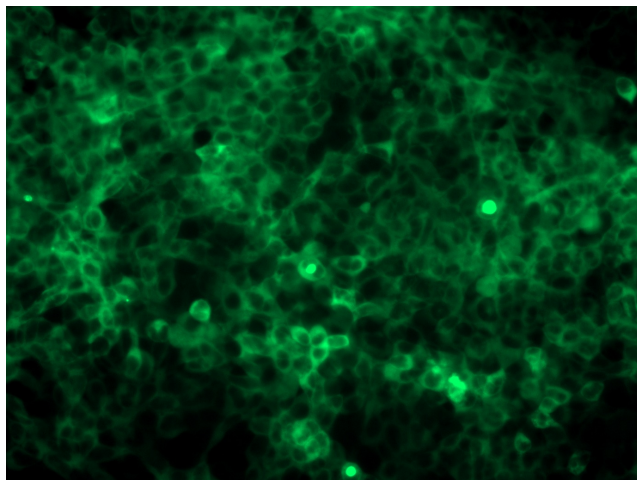
[View online »](#)

Protein Pathways: Insulin signaling pathway, Pathways in cancer, Prostate cancer

MW: 69.5 kDa

Gene Summary: This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in myogenic growth and differentiation. Translocation of this gene with PAX3 has been associated with alveolar rhabdomyosarcoma. [provided by RefSeq, Jul 2008]

Product images:



[RC200477L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC200477L4V particle to overexpress human FOXO1-mGFP fusion protein.