

Product datasheet for **RC218249L4V**

FOX E1 (NM_004473) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	FOX E1 (NM_004473) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FOX E1
Synonyms:	FKHL15; FOX E2; HFKH4; HFKL5; NMTC4; TITF2; TTF-2; TTF2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004473
ORF Size:	1119 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218249).
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_004473.3
RefSeq Size:	3473 bp
RefSeq ORF:	1122 bp
Locus ID:	2304
UniProt ID:	O00358
Cytogenetics:	9q22.33
Protein Families:	Druggable Genome, Transcription Factors
MW:	37.9 kDa



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Gene Summary:

This intronless gene encodes a protein that belongs to the forkhead family of transcription factors. Members of this family contain a conserved 100-amino acid DNA-binding 'forkhead' domain. The encoded protein functions as a thyroid transcription factor that plays a role in thyroid morphogenesis. Mutations in this gene are associated with the Bamforth-Lazarus syndrome, and with susceptibility to nonmedullary thyroid cancer-4. [provided by RefSeq, Nov 2016]