

Product datasheet for **KN202894LP**

FOXO3 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
Donor DNA:	Luciferase-Puro
Symbol:	FOXO3
Locus ID:	2309
Components:	KN202894G1 , FOXO3 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN202894G2 , FOXO3 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN202894LPD , donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette. GE100003 , scramble sequence in pCas-Guide vector
Disclaimer:	These products are manufactured and supplied by OriGene under license from ERS. The kit is designed based on the best knowledge of CRISPR technology. The system has been functionally validated for knocking-in the cassette downstream the native promoter. The efficiency of the knock-out varies due to the nature of the biology and the complexity of the experimental process.
RefSeq:	NM_001455 , NM_201559
UniProt ID:	O43524
Synonyms:	AF6q21; FKHRL1; FKHRL1P2; FOXO2; FOXO3A
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]



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Product images:

