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Product datasheet for RC207964L1V

FOXG1 (NM_005249) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	FOXG1 (NM_005249) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FOXG1
Synonyms:	BF1; BF2; FHKL3; FKH2; FKHL1; FKHL2; FKHL3; FKHL4; FOXG1A; FOXG1B; FOXG1C; HBF-1; HBF-2; HBF-3; HBF-G2; HBF2; HFK1; HFK2; HFK3; KHL2; QIN
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_005249
ORF Size:	1467 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC207964).`
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_005249.3
RefSeq Size:	2600 bp
RefSeq ORF:	1470 bp
Locus ID:	2290
UniProt ID:	P55316
Cytogenetics:	14q12
Domains:	FH

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Protein Families:	Druggable Genome, Transcription Factors
MW:	52.2 kDa
Gene Summary:	This locus encodes a member of the fork-head transcription factor family. The encoded protein, which functions as a transcriptional repressor, is highly expressed in neural tissues during brain development. Mutations at this locus have been associated with Rett syndrome and a diverse spectrum of neurodevelopmental disorders defined as part of the FOXG1 syndrome. This gene is disregulated in many types of cancer and is the target of multiple microRNAs that regulate the proliferation of tumor cells. [provided by RefSeq, Jul 2020]