Product datasheet for RC203597L3V

RUNX3 (NM_001031680) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RUNX3 (NM_001031680) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RUNX3
Synonyms:	AML2; CBFA3; PEBP2aC
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001031680
ORF Size:	1287 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203597).
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_001031680.2, NP_001026850.1
RefSeq Size:	4340 bp
RefSeq ORF:	1290 bp
Locus ID:	864
UniProt ID:	Q13761
Cytogenetics:	1p36.11
Protein Families:	Transcription Factors
MW:	45.7 kDa

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Gene Summary: This gene encodes a member of the runt domain-containing family of transcription factors. A heterodimer of this protein and a beta subunit forms a complex that binds to the core DNA sequence 5'-PYGPYGGT-3' found in a number of enhancers and promoters, and can either activate or suppress transcription. It also interacts with other transcription factors. It functions as a tumor suppressor, and the gene is frequently deleted or transcriptionally silenced in cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016]