Product datasheet for RC210993L1V

NSD3 (WHSC1L1) (NM_023034) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NSD3 (WHSC1L1) (NM_023034) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NSD3
Synonyms:	KMT3F; KMT3G; pp14328; WHISTLE; WHSC1L1
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_023034
ORF Size:	4311 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210993).
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_023034.1
RefSeq Size:	5431 bp
RefSeq ORF:	4314 bp
Locus ID:	54904
UniProt ID:	Q9BZ95
Cytogenetics:	8p11.23
Domains:	PWWP, SET, PHD, PostSET, AWS
Protein Families:	Druggable Genome, Transcription Factors

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Protein Pathways:	Lysine degradation
MW:	161.6 kDa
Gene Summary:	This gene is related to the Wolf-Hirschhorn syndrome candidate-1 gene and encodes a protein with PWWP (proline-tryptophan-tryptophan-proline) domains. This protein methylates histone H3 at lysine residues 4 and 27, which represses gene transcription. Two alternatively spliced variants have been described. [provided by RefSeq, May 2015]