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Product datasheet for RC218629L3V

WDR33 (NM_018383) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	WDR33 (NM_018383) Human Tagged ORF Clone Lentiviral Particle
Symbol:	WDR33
Synonyms:	NET14; WDC146
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_018383
ORF Size:	4008 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218629).
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_018383.3
RefSeq Size:	6299 bp
RefSeq ORF:	4011 bp
Locus ID:	55339
UniProt ID:	Q9C0J8
Cytogenetics:	2q14.3
Domains:	WD40, Collagen
Protein Families:	Stem cell - Pluripotency

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MW: 145.7 kDa

Gene Summary: This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-asp (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This gene is highly expressed in testis and the protein is localized to the nucleus. This gene may play important roles in the mechanisms of cytodifferentiation and/or DNA recombination. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008]