

Product datasheet for **RC205719L3V**

WDR91 (NM_014149) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	WDR91 (NM_014149) Human Tagged ORF Clone Lentiviral Particle
Symbol:	WDR91
Synonyms:	HSPC049; SORF-1; SORF1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_014149
ORF Size:	2241 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205719).
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_014149.2
RefSeq Size:	4619 bp
RefSeq ORF:	2244 bp
Locus ID:	29062
UniProt ID:	A4D1P6
Cytogenetics:	7q33
Domains:	WD40
MW:	83.3 kDa



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Gene Summary:

Functions as a negative regulator of the PI3 kinase/PI3K activity associated with endosomal membranes via BECN1, a core subunit of the PI3K complex. By modifying the phosphatidylinositol 3-phosphate/PtdInsP3 content of endosomal membranes may regulate endosome fusion, recycling, sorting and early to late endosome transport (PubMed:26783301). It is for instance, required for the delivery of cargos like BST2/tetherin from early to late endosome and thereby participates indirectly to their degradation by the lysosome (PubMed:27126989). May play a role in meiosis (By similarity).[UniProtKB/Swiss-Prot Function]