

Product datasheet for **RC228566L4V**

WDR81 (NM_001163673) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	WDR81 (NM_001163673) Human Tagged ORF Clone Lentiviral Particle
Symbol:	WDR81
Synonyms:	CAMRQ2; HYC3; PPP1R166; SORF-2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001163673
ORF Size:	2214 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC228566).
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_001163673.1 , NP_001157145.1
RefSeq ORF:	2217 bp
Locus ID:	124997
UniProt ID:	Q562E7
Cytogenetics:	17p13.3
MW:	79.6 kDa


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Gene Summary:

This gene encodes a multi-domain transmembrane protein which is predominantly expressed in the brain and is thought to play a role in endolysosomal trafficking. Mutations in this gene are associated with an autosomal recessive form of a syndrome exhibiting cerebellar ataxia, cognitive disability, and disequilibrium (CAMRQ2). Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2017]