

Product datasheet for **MR216903L4V**

Washc4 (NM_001033375) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Washc4 (NM_001033375) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Washc4
Synonyms:	A230046K03Rik; AA589518; Kiaa1033; mKIAA1033
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001033375
ORF Size:	3519 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR216903).
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_001033375.2 , NP_001028547.2
RefSeq Size:	5863 bp
RefSeq ORF:	3522 bp
Locus ID:	319277
UniProt ID:	Q3UMB9
Cytogenetics:	10 C1



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Gene Summary:

Acts at least in part as component of the WASH core complex whose assembly at the surface of endosomes seems to inhibit WASH nucleation-promoting factor (NPF) activity in recruiting and activating the Arp2/3 complex to induce actin polymerization, and which is involved in regulation of the fission of tubules that serve as transport intermediates during endosome sorting (PubMed:19922875).[UniProtKB/Swiss-Prot Function]