

## Product datasheet for **MR211991L4V**

### **Pds5b (NM\_175310) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Pds5b (NM_175310) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pds5b
Synonyms:	AI646570; Aprin; AS3; AW212954; mKIAA0979; Tg(Wap-ERBB2)229Wzw; WAP-Her-2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_175310
ORF Size:	4338 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211991).
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. <a href="#">More info</a>
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:	<a href="#">NM_175310.6</a> , <a href="#">NP_780519.3</a>
RefSeq Size:	7311 bp
RefSeq ORF:	4341 bp
Locus ID:	100710
UniProt ID:	<a href="#">Q4VA53</a>
Cytogenetics:	5 G3



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**Gene Summary:**

Regulator of sister chromatid cohesion in mitosis which may stabilize cohesin complex association with chromatin. May couple sister chromatid cohesion during mitosis to DNA replication. Cohesion ensures that chromosome partitioning is accurate in both meiotic and mitotic cells and plays an important role in DNA repair. Plays a role in androgen-induced proliferative arrest in prostate cells (By similarity).[UniProtKB/Swiss-Prot Function]