

Product datasheet for **MR211530L4V**

Herc4 (NM_026101) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Herc4 (NM_026101) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Herc4
Synonyms:	1700056O17Rik; 4921531D01Rik; 9530080M15Rik; mKIAA1593
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_026101
ORF Size:	3147 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211530).
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_026101.4 , NP_080377.2
RefSeq Size:	4019 bp
RefSeq ORF:	3150 bp
Locus ID:	67345
UniProt ID:	Q6PAV2
Cytogenetics:	10 B4



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Gene Summary:

Probable E3 ubiquitin-protein ligase involved in either protein trafficking or in the distribution of cellular structures. Required for spermatozoon maturation and fertility, and for the removal of the cytoplasmic droplet of the spermatozoon. E3 ubiquitin-protein ligases accept ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfer it to targeted substrates.[UniProtKB/Swiss-Prot Function]