

## Product datasheet for **MR210328L4V**

### Hook1 (NM\_030014) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Hook1 (NM_030014) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Hook1
Synonyms:	A930033L17Rik; azh
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_030014
ORF Size:	2187 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210328).
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_030014.2</a> , <a href="#">NP_084290.1</a>
RefSeq Size:	4252 bp
RefSeq ORF:	2187 bp
Locus ID:	77963
UniProt ID:	<a href="#">Q8BIL5</a>
Cytogenetics:	4 44.17 cM


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**Gene Summary:**

Required for spermatid differentiation. Probably involved in the positioning of the microtubules of the manchette and the flagellum in relation to the membrane skeleton (PubMed:12075009). Component of the FTS/Hook/FHIP complex (FHF complex). The FHF complex may function to promote vesicle trafficking and/or fusion via the homotypic vesicular protein sorting complex (the HOPS complex) (By similarity).[UniProtKB/Swiss-Prot Function]