

## Product datasheet for **MR215754L4V**

### Znrf3 (NM\_001080924) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Znrf3 (NM_001080924) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Znrf3
Synonyms:	Gm1167
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001080924
ORF Size:	2739 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR215754).
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_001080924.2</a> , <a href="#">NP_001074393.1</a>
RefSeq Size:	6306 bp
RefSeq ORF:	2742 bp
Locus ID:	407821
UniProt ID:	<a href="#">Q5SSZ7</a>
Cytogenetics:	11 A1



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**Gene Summary:**

E3 ubiquitin-protein ligase that acts as a negative regulator of the Wnt signaling pathway by mediating the ubiquitination and subsequent degradation of Wnt receptor complex components Frizzled and LRP6. Acts on both canonical and non-canonical Wnt signaling pathway. Acts as a tumor suppressor in the intestinal stem cell zone by inhibiting the Wnt signaling pathway, thereby restricting the size of the intestinal stem cell zone (PubMed:22575959, PubMed:22895187). Along with RSPO2 and RNF43, constitutes a master switch that governs limb specification (By similarity).[UniProtKB/Swiss-Prot Function]