

## Product datasheet for **MR218150L3V**

### **D130043K22Rik (NM\_001081051) Mouse Tagged ORF Clone Lentiviral Particle**

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	D130043K22Rik (NM_001081051) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	D130043K22Rik
Synonyms:	4930451E12Rik; Kiaa0319
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001081051
ORF Size:	3246 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR218150).
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_001081051.1</a> , <a href="#">NP_001074520.1</a>
RefSeq Size:	4977 bp
RefSeq ORF:	3246 bp
Locus ID:	210108
UniProt ID:	<a href="#">Q5SZV5</a>
Cytogenetics:	13 A3.1


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**Gene Summary:**

This gene encodes a transmembrane protein that contains a large extracellular domain with multiple polycystic kidney disease (PKD) domains. The encoded protein may play a role in the development of the cerebral cortex by regulating neuronal migration and cell adhesion. Single nucleotide polymorphisms in a similar gene in human are associated with dyslexia. Alternatively spliced transcript variants have been identified. [provided by RefSeq, May 2015]