

Product datasheet for **MR222229L4V**

Disp2 (NM_170593) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Disp2 (NM_170593) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Disp2
Synonyms:	AI840597; B230210L08Rik; Di; DispB; mKIAA1742
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_170593
ORF Size:	4038 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222229).
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_170593.3 , NP_733481.1
RefSeq Size:	6629 bp
RefSeq ORF:	4038 bp
Locus ID:	214240
UniProt ID:	Q8CIP5
Cytogenetics:	2 E5



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Gene Summary:

The pattern of cellular proliferation and differentiation that leads to normal development of embryonic structures often depends upon the localized production of secreted protein signals. Cells surrounding the source of a particular signal respond in a graded manner according to the effective concentration of the signal, and this response produces the pattern of cell types constituting the mature structure. A segment-polarity gene known as dispatched has been identified in *Drosophila* and its protein product is required for normal Hedgehog (Hh) signaling. [provided by RefSeq, Sep 2015]