

Product datasheet for **MR223294L4V**

Disp3 (NM_001083342) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	Disp3
Synonyms:	G630052C06Rik; Ptchd2; RNDEu-2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001083342
ORF Size:	4041 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(MR223294).

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_001083342.1](#), [NP_001076811.1](#)

RefSeq Size: 8689 bp

RefSeq ORF: 4044 bp

Locus ID: 242748

Cytogenetics: 4 E2



Gene Summary:

Plays a role in neuronal proliferation and differentiation. Plays a role in the accumulation of cellular cholesterol. Involved in intracellular lipid droplet formation. May contribute to cholesterol homeostasis in neuronal cells.[UniProtKB/Swiss-Prot Function]