

Product datasheet for **MR222452L4V**

Plekha7 (NM_172743) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Plekha7 (NM_172743) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Plekha7
Synonyms:	A430081P20Rik; AI414265
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_172743
ORF Size:	3090 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR222452).
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_172743.2 , NP_766331.1
RefSeq Size:	4312 bp
RefSeq ORF:	3093 bp
Locus ID:	233765
UniProt ID:	Q3UIL6
Cytogenetics:	7 F1



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Gene Summary:

Required for zonula adherens biogenesis and maintenance. Acts via its interaction with KIAA1543/Nezha, which anchors microtubules at their minus-ends to zonula adherens, leading to the recruitment of KIFC3 kinesin to the junctional site (By similarity).
[UniProtKB/Swiss-Prot Function]