

Product datasheet for **MR217408L4V**

Psd (NM_028627) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Psd (NM_028627) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Psd
Synonyms:	1110007H17Rik; A930015K15; Efa6; Efa6a; mKIAA2011; Psdl
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_028627
ORF Size:	3072 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR217408).
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_028627.2 , NP_082903.2
RefSeq Size:	3950 bp
RefSeq ORF:	3075 bp
Locus ID:	73728
UniProt ID:	Q5DTT2
Cytogenetics:	19 38.8 cM



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Gene Summary:

Guanine nucleotide exchange factor for ARF6 (By similarity). Isoform 2 and isoform 3 induce cytoskeletal remodeling, but lead to distinct morphological changes in HeLa cells: isoform 2 induces cell elongation and formation of actin-rich protrusions, whereas isoform 3 promotes the formation of membrane ruffles and loss of stress fibers (PubMed:19494129).
[UniProtKB/Swiss-Prot Function]