

Product datasheet for **RC215568L4V**

FRMPD4 (NM_014728) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	FRMPD4 (NM_014728) Human Tagged ORF Clone Lentiviral Particle
Symbol:	FRMPD4
Synonyms:	MRX104; PDZD10; PDZK10
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014728
ORF Size:	3966 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215568).
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_014728.1 , NP_055543.2
RefSeq Size:	8477 bp
RefSeq ORF:	3969 bp
Locus ID:	9758
UniProt ID:	Q14CM0
Cytogenetics:	Xp22.2
MW:	144.4 kDa



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Gene Summary:

This gene encodes a multi-domain (WW, PDZ, FERM) containing protein. Through its interaction with other proteins (such as PSD-95), it functions as a positive regulator of dendritic spine morphogenesis and density, and is required for the maintenance of excitatory synaptic transmission. [provided by RefSeq, Jan 2010]