

Product datasheet for **RC215178L2V**

PSD95 (DLG4) (NM_001365) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PSD95 (DLG4) (NM_001365) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PSD95
Synonyms:	MRD62; PSD95; SAP-90; SAP90
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_001365
ORF Size:	2301 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215178).
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_001365.1
RefSeq Size:	3995 bp
RefSeq ORF:	2304 bp
Locus ID:	1742
UniProt ID:	P78352
Cytogenetics:	17p13.1
Protein Families:	Druggable Genome
Protein Pathways:	Huntington's disease



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MW: 85.2 kDa

Gene Summary: This gene encodes a member of the membrane-associated guanylate kinase (MAGUK) family. It heteromultimerizes with another MAGUK protein, DLG2, and is recruited into NMDA receptor and potassium channel clusters. These two MAGUK proteins may interact at postsynaptic sites to form a multimeric scaffold for the clustering of receptors, ion channels, and associated signaling proteins. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]