

Product datasheet for **RC215178L3V**

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: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| 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]