

Product datasheet for RC226876L3

OriGene Technologies, Inc.

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PSD93 (DLG2) (NM_001142702) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: PSD93 (DLG2) (NM_001142702) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: PSD93

Synonyms: chapsyn-110; PPP1R58; PSD-93; PSD93

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC226876).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_001142702

ORF Size: 1002 bp





PSD93 (DLG2) (NM_001142702) Human Tagged Lenti ORF Clone - RC226876L3

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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 001142702.1</u>

 RefSeq ORF:
 1005 bp

 Locus ID:
 1740

 UniProt ID:
 Q15700

 Cytogenetics:
 11q14.1

Protein Families: Druggable Genome

MW: 38.2 kDa

Gene Summary: This gene encodes a member of the membrane-associated guanylate kinase (MAGUK) family.

The encoded protein forms a heterodimer with a related family member that 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. Additional transcript variants have been described, but their

full-length nature is not known. [provided by RefSeq, Dec 2008]