

## Product datasheet for **RC221887L4V**

### PSD (NM\_002779) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PSD (NM_002779) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PSD
Synonyms:	EFA6; EFA6A; PSD1; TYL
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002779
ORF Size:	3072 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221887).
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. <a href="#">More info</a>
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:	<a href="#">NM_002779.4</a>
RefSeq Size:	4185 bp
RefSeq ORF:	3075 bp
Locus ID:	5662
UniProt ID:	<a href="#">A5PKW4</a>
Cytogenetics:	10q24.32
Protein Pathways:	Endocytosis
MW:	109.5 kDa



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**Gene Summary:**

This gene encodes a Plekstrin homology and SEC7 domains-containing protein that functions as a guanine nucleotide exchange factor. The encoded protein regulates signal transduction by activating ADP-ribosylation factor 6. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]