

## Product datasheet for **RC209940L3V**

### PSD4 (NM\_012455) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PSD4 (NM_012455) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PSD4
Synonyms:	EFA6B; TIC
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_012455
ORF Size:	3168 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209940).
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_012455.2</a>
RefSeq Size:	5039 bp
RefSeq ORF:	3171 bp
Locus ID:	23550
UniProt ID:	<a href="#">Q8NDX1</a>
Cytogenetics:	2q14.1
Protein Pathways:	Endocytosis
MW:	116.7 kDa



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**Gene Summary:**

Guanine nucleotide exchange factor for ARF6 and ARL14/ARF7. Through ARL14 activation, controls the movement of MHC class II-containing vesicles along the actin cytoskeleton in dendritic cells. Involved in membrane recycling. Interacts with several phosphatidylinositol phosphate species, including phosphatidylinositol 3,4-bisphosphate, phosphatidylinositol 3,5-bisphosphate and phosphatidylinositol 4,5-bisphosphate.[UniProtKB/Swiss-Prot Function]