

## Product datasheet for **RC207249L4V**

### LYPD6B (NM\_177964) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	LYPD6B (NM_177964) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LYPD6B
Synonyms:	CT116; LYPD7
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_177964
ORF Size:	621 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207249).
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_177964.3</a>
RefSeq Size:	1600 bp
RefSeq ORF:	624 bp
Locus ID:	130576
UniProt ID:	<a href="#">Q8NI32</a>
Cytogenetics:	2q23.2
Protein Families:	Druggable Genome, Transmembrane
MW:	23.2 kDa



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**Gene Summary:**

Believed to act as a modulator of nicotinic acetylcholine receptors (nAChRs) activity. In vitro acts on nAChRs in a subtype- and stoichiometry-dependent manner. Modulates specifically alpha-3(3):beta-4(2) nAChRs by enhancing the sensitivity to ACh, decreasing ACh-induced maximal current response and increasing the rate of desensitization to ACh; has no effect on alpha-7 homomeric nAChRs; modulates alpha-3(2):alpha-5:beta-4(2) nAChRs in the context of CHRNA5/alpha-5 variant Asn-398 but not its wild-type sequence.[UniProtKB/Swiss-Prot Function]