

## Product datasheet for **RC223316L4V**

### JMJD7 (JMJD7-PLA2G4B) (NM\_005090) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	JMJD7 (JMJD7-PLA2G4B) (NM_005090) Human Tagged ORF Clone Lentiviral Particle
Symbol:	JMJD7-PLA2G4B
Synonyms:	cPLA2-beta; HsT16992
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005090
ORF Size:	3036 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223316).
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_005090.1</a>
RefSeq Size:	3352 bp
RefSeq ORF:	3039 bp
Locus ID:	8681
UniProt ID:	<a href="#">P0C869</a>
Cytogenetics:	15q15.1



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<b>Protein Pathways:</b>	alpha-Linolenic acid metabolism, Arachidonic acid metabolism, Ether lipid metabolism, Fc epsilon RI signaling pathway, Glycerophospholipid metabolism, GnRH signaling pathway, Linoleic acid metabolism, Long-term depression, MAPK signaling pathway, Metabolic pathways, Vascular smooth muscle contraction, VEGF signaling pathway
<b>MW:</b>	113.9 kDa
<b>Gene Summary:</b>	This locus represents naturally-occurring readthrough transcription between the neighboring jumonji domain containing 7 (JMJD7) and phospholipase A2, group IVB (cytosolic) (PLA2G4B) genes. Readthrough transcripts encode fusion proteins that share amino acid sequence with each individual gene product, including a partial JmjC domain and downstream C2 and phospholipase A2 domains. Alternatively spliced transcript variants have been observed. [provided by RefSeq, Oct 2013]