

## Product datasheet for **RC209331L1V**

### NOTUM (NM\_178493) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	NOTUM (NM_178493) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NOTUM
Synonyms:	hNOTUM
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_178493
ORF Size:	1290 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209331).
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_178493.3</a>
RefSeq Size:	2281 bp
RefSeq ORF:	1491 bp
Locus ID:	147111
UniProt ID:	<a href="#">Q6P988</a>
Cytogenetics:	17q25.3
MW:	48.6 kDa



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**Gene Summary:**

Carboxylesterase that acts as a key negative regulator of the Wnt signaling pathway by specifically mediating depalmitoleoylation of WNT proteins. Serine palmitoleoylation of WNT proteins is required for efficient binding to frizzled receptors (PubMed:25731175).  
[UniProtKB/Swiss-Prot Function]