

## Product datasheet for **RC214546L2V**

### NPL (NM\_030769) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	NPL (NM_030769) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NPL
Synonyms:	C1orf13; C112; NAL; NPL1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_030769
ORF Size:	960 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214546).
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_030769.1</a>
RefSeq Size:	2867 bp
RefSeq ORF:	963 bp
Locus ID:	80896
UniProt ID:	<a href="#">Q9BXD5</a>
Cytogenetics:	1q25.3
Domains:	DHDPS
Protein Pathways:	Amino sugar and nucleotide sugar metabolism


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**MW:** 35.2 kDa

**Gene Summary:** This gene encodes a member of the N-acetylneuraminate lyase sub-family of (beta/alpha)(8)-barrel enzymes. N-acetylneuraminate lyases regulate cellular concentrations of N-acetylneuraminic acid (sialic acid) by mediating the reversible conversion of sialic acid into N-acetylmannosamine and pyruvate. A pseudogene of this gene is located on the short arm of chromosome 2. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2011]