

## Product datasheet for **RC214612L4V**

### **NOVA1 (NM\_006491) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	NOVA1 (NM_006491) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NOVA1
Synonyms:	Nova-1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006491
ORF Size:	543 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214612).
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_006491.2</a> , <a href="#">NP_006482.1</a>
RefSeq Size:	1210 bp
RefSeq ORF:	546 bp
Locus ID:	4857
UniProt ID:	<a href="#">P51513</a>
Cytogenetics:	14q12
Domains:	KH
MW:	19.3 kDa



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**Gene Summary:**

This gene encodes a neuron-specific RNA-binding protein, a member of the Nova family of paraneoplastic disease antigens, that is recognized and inhibited by paraneoplastic antibodies. These antibodies are found in the sera of patients with paraneoplastic opsoclonus-ataxia, breast cancer, and small cell lung cancer. Alternatively spliced transcripts encoding distinct isoforms have been described. [provided by RefSeq, Jul 2008]