

## Product datasheet for **RC222234L4V**

### **NBR1 (NM\_031858) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	NBR1 (NM_031858) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NBR1
Synonyms:	1A1-3B; M17S2; MIG19
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_031858
ORF Size:	2898 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222234).
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_031858.1</a>
RefSeq Size:	4770 bp
RefSeq ORF:	2900 bp
Locus ID:	4077
Cytogenetics:	17q21.31
Domains:	PB1, ZnF_ZZ
Protein Families:	Druggable Genome
MW:	107.2 kDa



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**Gene Summary:**

The protein encoded by this gene was originally identified as an ovarian tumor antigen monitored in ovarian cancer. The encoded protein contains a B-box/coiled-coil motif, which is present in many genes with transformation potential. It functions as a specific autophagy receptor for the selective autophagic degradation of peroxisomes by forming intracellular inclusions with ubiquitylated autophagic substrates. This gene is located on a region of chromosome 17q21.1 that is in close proximity to the BRCA1 tumor suppressor gene. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Apr 2014]