

## Product datasheet for **RC215962L2V**

### **POU4F2 (NM\_004575) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	POU4F2 (NM_004575) Human Tagged ORF Clone Lentiviral Particle
Symbol:	POU4F2
Synonyms:	Brn-3b; BRN3.2; BRN3B
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_004575
ORF Size:	1230 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215962).
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_004575.1</a> , <a href="#">NP_004566.1</a>
RefSeq Size:	3110 bp
RefSeq ORF:	1230 bp
Locus ID:	5458
UniProt ID:	<a href="#">Q12837</a>
Cytogenetics:	4q31.22
Protein Families:	Transcription Factors
MW:	42.9 kDa



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**Gene Summary:**

The protein encoded by this gene is a member of the POU-domain transcription factor family and may be involved in maintaining visual system neurons in the retina. The level of the encoded protein is also elevated in a majority of breast cancers, resulting in accelerated tumor growth. [provided by RefSeq, Sep 2011]