

## Product datasheet for **RC224085L2V**

### **BRIP1 (NM\_032043) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	BRIP1 (NM_032043) Human Tagged ORF Clone Lentiviral Particle
Symbol:	BRIP1
Synonyms:	BACH1; FANCF; OF
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_032043
ORF Size:	3747 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224085).
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_032043.1</a> , <a href="#">NP_114432.1</a>
RefSeq Size:	8166 bp
RefSeq ORF:	3750 bp
Locus ID:	83990
UniProt ID:	<a href="#">Q9BX63</a>
Cytogenetics:	17q23.2
Protein Families:	Druggable Genome
MW:	140.9 kDa



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**Gene Summary:**

The protein encoded by this gene is a member of the RecQ DEAH helicase family and interacts with the BRCT repeats of breast cancer, type 1 (BRCA1). The bound complex is important in the normal double-strand break repair function of breast cancer, type 1 (BRCA1). This gene may be a target of germline cancer-inducing mutations. [provided by RefSeq, Jul 2008]