

## Product datasheet for **MR218149L3V**

### **Bcas3 (NM\_001166642) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Bcas3 (NM_001166642) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Bcas3
Synonyms:	1500019F07Rik; 2610028P08Rik; AU021018; BC028339; K20D4; rudhira
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001166642
ORF Size:	2742 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR218149).
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_001166642.1</a> , <a href="#">NP_001160114.1</a>
RefSeq Size:	3647 bp
RefSeq ORF:	2742 bp
Locus ID:	192197
UniProt ID:	<a href="#">Q8CCN5</a>
Cytogenetics:	11 C



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**Gene Summary:**

Functions synergistically with PELP1 as a transcriptional coactivator of estrogen receptor-responsive genes. Stimulates histone acetyltransferase activity. Binds to chromatin (By similarity). Plays a role in angiogenesis. Participates in the regulation of cell polarity and directional endothelial cell migration by mediating both the activation and recruitment of CDC42 and the reorganization of the actin cytoskeleton at the cell leading edge. Promotes filipodia formation.[UniProtKB/Swiss-Prot Function]