

## Product datasheet for MR203066L4V

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### Bcap31 (NM\_012060) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

**Product Type:** Lentiviral Particles

**Symbol:** Bcap31

**Synonyms:** Bap31

**Mammalian Cell:** Puromycin

**Selection:**

**Vector:** pLenti-C-mGFP-P2A-Puro (PS100093)

**Tag:** mGFP

**ACCN:** NM\_012060

**ORF Size:** 735 bp

**ORF Nucleotide Sequence:** The ORF insert of this clone is exactly the same as (MR203066).

**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. [More info](#)

**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:** [NM\\_012060.4, NP\\_036190.2](#)

**RefSeq Size:** 1214 bp

**RefSeq ORF:** 738 bp

**Locus ID:** 27061

**UniProt ID:** [Q61335](#)

**Cytogenetics:** X A7.3



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This product is to be used for laboratory only. Not for diagnostic or therapeutic use.

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**Gene Summary:**

Functions as a chaperone protein. Is one of the most abundant endoplasmic reticulum (ER) proteins. Plays a role in the export of secreted proteins in the ER, the recognition of abnormally folded protein and their targeting to the ER associated-degradation (ERAD). Also serves as a cargo receptor for the export of transmembrane proteins. May be involved in CASP8-mediated apoptosis.[UniProtKB/Swiss-Prot Function]