

## Product datasheet for **MR221009L4V**

### **Cbx4 (NM\_007625) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Cbx4 (NM_007625) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cbx4
Synonyms:	MPc2; PC2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_007625
ORF Size:	1653 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR221009).
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_007625.2</a> , <a href="#">NP_031651.2</a>
RefSeq Size:	5213 bp
RefSeq ORF:	1656 bp
Locus ID:	12418
UniProt ID:	<a href="#">O55187</a>
Cytogenetics:	11 83.34 cM



[View online »](#)

**Gene Summary:**

E3 SUMO-protein ligase which facilitates SUMO1 conjugation by UBE2I. Involved in the sumoylation of HNRNPK, a p53/TP53 transcriptional coactivator, hence indirectly regulates p53/TP53 transcriptional activation resulting in p21/CDKN1A expression.[UniProtKB/Swiss-Prot Function]