

## Product datasheet for **RC216414L4V**

### CBX4 (NM\_003655) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	CBX4 (NM_003655) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CBX4
Synonyms:	NBP16; PC2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003655
ORF Size:	1680 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216414).
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_003655.2</a>
RefSeq Size:	2655 bp
RefSeq ORF:	1683 bp
Locus ID:	8535
UniProt ID:	<a href="#">O00257</a>
Cytogenetics:	17q25.3
Domains:	CHROMO
Protein Families:	Druggable Genome, Transcription Factors



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**MW:** 61.8 kDa

**Gene Summary:** E3 SUMO-protein ligase which facilitates SUMO1 conjugation by UBE2I (PubMed:12679040). Involved in the sumoylation of HNRNPK, a p53/TP53 transcriptional coactivator, hence indirectly regulates p53/TP53 transcriptional activation resulting in p21/CDKN1A expression. Monosumoylates ZNF131 (PubMed:22825850).[UniProtKB/Swiss-Prot Function]