

## Product datasheet for **RC209035L4V**

### **RBP7 (NM\_052960) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	RBP7 (NM_052960) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RBP7
Synonyms:	CRABP4; CRBP4; CRBP4V
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_052960
ORF Size:	402 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209035).
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_052960.1</a>
RefSeq Size:	704 bp
RefSeq ORF:	405 bp
Locus ID:	116362
UniProt ID:	<a href="#">Q96R05</a>
Cytogenetics:	1p36.22
Domains:	lipocalin
MW:	15.5 kDa


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**Gene Summary:**

The protein encoded by this gene is a member of the cellular retinol-binding protein (CRBP) family, whose members are required for vitamin A stability and metabolism. The encoded protein binds all-trans-retinol and is structurally similar to other CRBPs; however, it has a lower binding affinity for retinol than other CRBPs. [provided by RefSeq, Aug 2016]