

## Product datasheet for RC205733L2V

## OriGene Technologies, Inc.

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## DR1 (NM\_001938) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

Product Type: Lentiviral Particles

**Product Name:** DR1 (NM\_001938) Human Tagged ORF Clone Lentiviral Particle

Symbol: DR1

Synonyms: NC2; NC2-BETA; NC2B; NCB2

Mammalian Cell

Selection:

None

**Vector:** pLenti-C-mGFP (PS100071)

Tag: mGFP

**ACCN:** NM\_001938

ORF Size: 528 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC205733).

Sequence:

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.

**RefSeg:** NM 001938.2

 RefSeq Size:
 3222 bp

 RefSeq ORF:
 531 bp

 Locus ID:
 1810

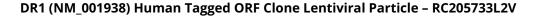
 UniProt ID:
 Q01658

 Cytogenetics:
 1p22.1

Domains: CBFD\_NFYB\_HMF

**Protein Families:** Transcription Factors





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**MW:** 19.4 kDa

**Gene Summary:** 

This gene encodes a TBP- (TATA box-binding protein) associated phosphoprotein that represses both basal and activated levels of transcription. The encoded protein is phosphorylated in vivo and this phosphorylation affects its interaction with TBP. This protein contains a histone fold motif at the amino terminus, a TBP-binding domain, and a glutamine-and alanine-rich region. The binding of DR1 repressor complexes to TBP-promoter complexes may establish a mechanism in which an altered DNA conformation, together with the formation of higher order complexes, inhibits the assembly of the preinitiation complex and controls the rate of RNA polymerase II transcription. [provided by RefSeq, Jul 2008]