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Product datasheet for RC205733L1V

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-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_001938
ORF Size:	528 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205733).
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_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]

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