

Product datasheet for **RC204170L2V**

ID4 (NM_001546) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ID4 (NM_001546) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ID4
Synonyms:	bHLHb27; IDB4
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_001546
ORF Size:	483 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204170).
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_001546.2
RefSeq Size:	2389 bp
RefSeq ORF:	486 bp
Locus ID:	3400
UniProt ID:	P47928
Cytogenetics:	6p22.3
Domains:	HLH
Protein Families:	ES Cell Differentiation/IPS, Transcription Factors



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Protein Pathways: TGF-beta signaling pathway

MW: 16.4 kDa

Gene Summary: This gene encodes a member of the inhibitor of DNA binding (ID) protein family. The encoded protein lacks DNA binding ability, and instead regulates gene expression through binding to and inhibiting basic helix-loop-helix transcription factors. This protein has been implicated in the regulation of diverse cellular processes that play a role in development and tumorigenesis. [provided by RefSeq, Aug 2017]