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Product datasheet for RC222579L4V

ID1 (NM_181353) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ID1 (NM_181353) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ID1
Synonyms:	bHLHb24; ID
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_181353
ORF Size:	447 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222579).
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_181353.1
RefSeq Size:	1234 bp
RefSeq ORF:	450 bp
Locus ID:	3397
UniProt ID:	P41134
Cytogenetics:	20q11.21
Protein Families:	Druggable Genome, Transcription Factors
Protein Pathways:	TGF-beta signaling pathway

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MW: 15.4 kDa

Gene Summary: The protein encoded by this gene is a helix-loop-helix (HLH) protein that can form heterodimers with members of the basic HLH family of transcription factors. The encoded protein has no DNA binding activity and therefore can inhibit the DNA binding and transcriptional activation ability of basic HLH proteins with which it interacts. This protein may play a role in cell growth, senescence, and differentiation. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]