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Product datasheet for RC200257L1V

HEY1 (NM_012258) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	HEY1 (NM_012258) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HEY1
Synonyms:	BHLHb31; CHF2; HERP2; HESR1; hHRT1; HRT-1; NERP2; OAF1
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_012258
ORF Size:	912 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200257).
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_012258.2
RefSeq Size:	2319 bp
RefSeq ORF:	915 bp
Locus ID:	23462
UniProt ID:	Q9Y5J3
Cytogenetics:	8q21.13
Domains:	HLH, ORANGE
Protein Families:	Druggable Genome, Transcription Factors

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MW: 32.6 kDa

Gene Summary: This gene encodes a nuclear protein belonging to the hairy and enhancer of split-related (HESR) family of basic helix-loop-helix (bHLH)-type transcriptional repressors. Expression of this gene is induced by the Notch and c-Jun signal transduction pathways. Two similar and redundant genes in mouse are required for embryonic cardiovascular development, and are also implicated in neurogenesis and somitogenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2008]