

Product datasheet for **RC211709L1V**

HES1 (NM_005524) Human Tagged ORF Clone Lentiviral Particle

Product data:

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| Product Type: | Lentiviral Particles |
| Product Name: | HES1 (NM_005524) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | HES1 |
| Synonyms: | bHLHb39; HES-1; HHL; HRY |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-Myc-DDK (PS100064) |
| Tag: | Myc-DDK |
| ACCN: | NM_005524 |
| ORF Size: | 840 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC211709). |
| 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_005524.2 |
| RefSeq Size: | 1471 bp |
| RefSeq ORF: | 843 bp |
| Locus ID: | 3280 |
| UniProt ID: | Q14469 |
| Cytogenetics: | 3q29 |
| Domains: | HLH, ORANGE |



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| Protein Families: | Adult stem cells, Cancer stem cells, Druggable Genome, ES Cell Differentiation/IPS, Stem cell relevant signaling - DSL/Notch pathway, Transcription Factors |
| Protein Pathways: | Maturity onset diabetes of the young, Notch signaling pathway |
| MW: | 29.4 kDa |
| Gene Summary: | This protein belongs to the basic helix-loop-helix family of transcription factors. It is a transcriptional repressor of genes that require a bHLH protein for their transcription. The protein has a particular type of basic domain that contains a helix interrupting protein that binds to the N-box rather than the canonical E-box. [provided by RefSeq, Jul 2008] |