# Product datasheet for RC211418L3V

## HIP1 (NM_005338) Human Tagged ORF Clone Lentiviral Particle

## Product data:

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| **Product Type:** | Lentiviral Particles |
| **Product Name:** | HIP1 (NM_005338) Human Tagged ORF Clone Lentiviral Particle |
| **Symbol:** | HIP1 |
| **Synonyms:** | HIP-I; ILWEQ; SHON; SHONbeta; SHONgamma |
| **Mammalian Cell Selection:** | Puromycin |
| **Vector:** | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| **Tag:** | Myc-DDK |
| **ACCN:** | NM_005338 |
| **ORF Size:** | 3111 bp |
| **ORF Nucleotide Sequence:** | The ORF insert of this clone is exactly the same as(RC211418). |
| **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_005338.5 |
| **RefSeq Size:** | 8051 bp |
| **RefSeq ORF:** | 3114 bp |
| **Locus ID:** | 3092 |
| **UniProt ID:** | O00291 |
| **Cytogenetics:** | 7q11.23 |
| **Domains:** | I_LWEQ |
| **Protein Families:** | Druggable Genome |

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| **Protein Pathways:** | Huntington's disease |
| **MW:** | 116.2 kDa |
| **Gene Summary:** | The product of this gene is a membrane-associated protein that functions in clathrin-mediated endocytosis and protein trafficking within the cell. The encoded protein binds to the huntingtin protein in the brain; this interaction is lost in Huntington's disease. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013] |