

## Product datasheet for RC207200L4V

## OriGene Technologies, Inc.

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## HEF1 (NEDD9) (NM\_006403) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

**Product Name:** HEF1 (NEDD9) (NM\_006403) Human Tagged ORF Clone Lentiviral Particle

Symbol: HEF

Synonyms: CAS-L; CAS2; CASL; CASS2; HEF1

**Mammalian Cell** 

Selection:

Puromycin

**Vector:** pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

**ACCN:** NM\_006403 **ORF Size:** 2502 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC207200).

OTI Disclaimer:

Sequence:

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:** <u>NM 006403.2</u>, <u>NP 006394.1</u>

 RefSeq Size:
 4550 bp

 RefSeq ORF:
 2505 bp

 Locus ID:
 4739

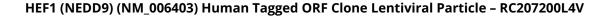
 UniProt ID:
 Q14511

 Cytogenetics:
 6p24.2

 Domains:
 SH3

**MW:** 92.9 kDa







## **Gene Summary:**

The protein encoded by this gene is a member of the CRK-associated substrates family. Members of this family are adhesion docking molecules that mediate protein-protein interactions for signal transduction pathways. This protein is a focal adhesion protein that acts as a scaffold to regulate signaling complexes important in cell attachment, migration and invasion as well as apoptosis and the cell cycle. This protein has also been reported to have a role in cancer metastasis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]