

## Product datasheet for RC208645L3V

## OriGene Technologies, Inc.

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## HIP2 (UBE2K) (NM 005339) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

**Product Name:** HIP2 (UBE2K) (NM\_005339) Human Tagged ORF Clone Lentiviral Particle

Symbol:

E2-25K; HIP2; HYPG; LIG; UBC1 Synonyms:

**Mammalian Cell** 

Selection:

ACCN:

Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Tag: Myc-DDK NM 005339

**ORF Size:** 600 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC208645).

Sequence:

The molecular sequence of this clone aligns with the gene accession number as a point of OTI Disclaimer: 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.

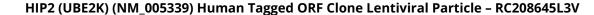
RefSeq: NM 005339.3

RefSeq Size: 2208 bp RefSeq ORF: 603 bp Locus ID: 3093 **UniProt ID:** P61086 Cytogenetics: 4p14

**Domains:** UBA, UBCc

**Protein Families:** Druggable Genome, Transcription Factors







**Protein Pathways:** Ubiquitin mediated proteolysis

MW: 22.2 kDa

**Gene Summary:** The protein encoded by this gene belongs to the ubiquitin-conjugating enzyme family. This

protein interacts with RING finger proteins, and it can ubiquitinate huntingtin, the gene product for Huntington's disease. Known functions for this protein include a role in aggregate

formation of expanded polyglutamine proteins and the suppression of apoptosis in polyglutamine diseases, a role in the dislocation of newly synthesized MHC class I heavy chains from the endoplasmic reticulum, and involvement in foam cell formation. Multiple

transcript variants encoding different isoforms have been identified for this gene. [provided

by RefSeq, Jul 2008]