

Product datasheet for RC225127L3V

OriGene Technologies, Inc.

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HIP2 (UBE2K) (NM 001111113) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: HIP2 (UBE2K) (NM_0011111113) Human Tagged ORF Clone Lentiviral Particle

Symbol: HIP2

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

Mammalian Cell

Selection:

Puromycin

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

Tag: Myc-DDK

ACCN: NM_001111113

ORF Size: 447 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC225127).

Sequence:

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.

RefSeg: NM 001111113.1

 RefSeq ORF:
 450 bp

 Locus ID:
 3093

 UniProt ID:
 P61086

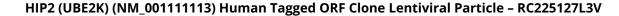
 Cytogenetics:
 4p14

Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: Ubiquitin mediated proteolysis

MW: 16.4 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]