

Product datasheet for RC223745L4V

OriGene Technologies, Inc.

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Rad6 (UBE2A) (NM 181777) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: Rad6 (UBE2A) (NM_181777) Human Tagged ORF Clone Lentiviral Particle

Symbol: Rad6

Synonyms: HHR6A; MRXS30; MRXSN; RAD6A; UBC2

Mammalian Cell

Selection:

Puromycin

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

Tag: mGFP

ACCN: NM_181777

ORF Size: 231 bp

ORF Nucleotide

OTI Disclaimer:

The ORF insert of this clone is exactly the same as(RC223745).

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.

RefSeg: NM 181777.1, NP 861442.1

RefSeq Size:2678 bpRefSeq ORF:233 bpLocus ID:7319

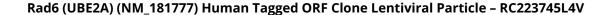
Cytogenetics: Xq24

Protein Families: Druggable Genome

Protein Pathways: Ubiquitin mediated proteolysis

MW: 8.7 kDa







Gene Summary:

The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, ubiquitin-conjugating enzymes, and ubiquitin-protein ligases. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. This enzyme is required for post-replicative DNA damage repair, and may play a role in transcriptional regulation. Mutations in this gene are associated with cognitive disability. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]