

Product datasheet for RC218483L3V

OriGene Technologies, Inc.

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Rad6 (UBE2A) (NM_181762) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: Rad6 (UBE2A) (NM_181762) Human Tagged ORF Clone Lentiviral Particle

Symbol: Rad6

Synonyms: HHR6A; MRXS30; MRXSN; RAD6A; UBC2

Mammalian Cell

Selection:

Puromycin

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

Tag: Myc-DDK
ACCN: NM 181762

ORF Size: 366 bp

ORF Nucleotide

Sequence:
OTI Disclaimer:

The ORF insert of this clone is exactly the same as (RC218483).

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 181762.1

 RefSeq Size:
 1709 bp

 RefSeq ORF:
 369 bp

 Locus ID:
 7319

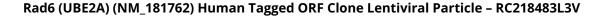
 UniProt ID:
 P49459

 Cytogenetics:
 Xq24

Protein Families: Druggable Genome

Protein Pathways: Ubiquitin mediated proteolysis





ORIGENE

MW: 13.6 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]