

Product datasheet for RC200727L4V

OriGene Technologies, Inc.

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BRCC36 (BRCC3) (NM_024332) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: BRCC36 (BRCC3) (NM_024332) Human Tagged ORF Clone Lentiviral Particle

Symbol: BRCC36

Synonyms: BRCC36; C6.1A; CXorf53

Mammalian Cell

Selection:

Puromycin

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

Tag: mGFP

ACCN: NM_024332

ORF Size: 948 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC200727).

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.

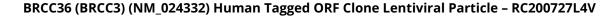
RefSeg: NM 024332.2, NP 077308.1

RefSeq Size: 2952 bp
RefSeq ORF: 951 bp
Locus ID: 79184
UniProt ID: P46736
Cytogenetics: Xq28

Domains: JAB MPN

Protein Families: Druggable Genome, Protease





ORIGENE

MW: 36.1 kDa

Gene Summary: This gene encodes a subunit of the BRCA1-BRCA2-containing complex (BRCC), which is an E3

ubiquitin ligase. This complex plays a role in the DNA damage response, where it is responsible for the stable accumulation of BRCA1 at DNA break sites. The component encoded by this gene can specifically cleave Lys 63-linked polyubiquitin chains, and it regulates the abundance of these polyubiquitin chains in chromatin. The loss of this gene results in abnormal angiogenesis and is associated with syndromic moyamoya, a cerebrovascular angiopathy. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 5. [provided by RefSeq, Jun 2011]