

Product datasheet for **RC222617L3V**

BRCAA1 (ARID4B) (NM_016374) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	BRCAA1 (ARID4B) (NM_016374) Human Tagged ORF Clone Lentiviral Particle
Symbol:	BRCAA1
Synonyms:	BCAA; BRCAA1; RBBP1L1; RBP1L1; SAP180
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_016374
ORF Size:	3936 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222617).
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.
RefSeq:	NM_016374.5
RefSeq Size:	6065 bp
RefSeq ORF:	3939 bp
Locus ID:	51742
UniProt ID:	Q4LE39
Cytogenetics:	1q42.3
Domains:	ARID, TUDOR
MW:	147.6 kDa



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Gene Summary:

This gene encodes a protein with sequence similarity to retinoblastoma-binding protein-1. The encoded protein is a subunit of the histone deacetylase-dependant SIN3A transcriptional corepressor complex, which functions in diverse cellular processes including proliferation, differentiation, apoptosis, oncogenesis, and cell fate determination. The gene product is recognized by IgG antibody isolated from a breast cancer patient and appears to be a molecular marker associated with a broad range of human malignancies. Alternate transcriptional splice variants encoding different isoforms have been characterized. [provided by RefSeq, Jul 2008]