

Product datasheet for **RC216222L3V**

SMARCA2 (NM_003070) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SMARCA2 (NM_003070) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SMARCA2
Synonyms:	BAF190; BIS; BRM; hBRM; hSNF2a; NCBRS; SNF2; SNF2L2; SNF2LA; Sth1p; SWI2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_003070
ORF Size:	4770 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216222).
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_003070.3
RefSeq Size:	5758 bp
RefSeq ORF:	4773 bp
Locus ID:	6595
UniProt ID:	P51531
Cytogenetics:	9p24.3
Domains:	SNF2_N, DEAD, BROMO, helicase_C, HSA, BRK
Protein Families:	Druggable Genome



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MW: 181.1 kDa

Gene Summary: The protein encoded by this gene is a member of the SWI/SNF family of proteins and is highly similar to the brahma protein of *Drosophila*. Members of this family have helicase and ATPase activities and are thought to regulate transcription of certain genes by altering the chromatin structure around those genes. The encoded protein is part of the large ATP-dependent chromatin remodeling complex SNF/SWI, which is required for transcriptional activation of genes normally repressed by chromatin. Alternatively spliced transcript variants encoding different isoforms have been found for this gene, which contains a trinucleotide repeat (CAG) length polymorphism. [provided by RefSeq, Jan 2014]