

Product datasheet for **RC226308L4V**

SMARCA1 (NM_139035) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	SMARCA1
Synonyms:	ISWI; NURF140; SNF2L; SNF2L1; SNF2LB; SNF2LT; SWI; SWI2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_139035
ORF Size:	3126 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(RC226308).

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_139035.2](#), [NP_620604.2](#)

RefSeq Size: 4066 bp

RefSeq ORF: 3128 bp

Locus ID: 6594

Cytogenetics: Xq25-q26.1

Domains: SNF2_N, myb_DNA-binding, DEAD, helicase_C



Protein Families: Transcription Factors

MW: 121.1 kDa

Gene Summary: This gene encodes a member of the SWI/SNF family of proteins. The encoded protein is an ATPase which is expressed in diverse tissues and contributes to the chromatin remodeling complex that is involved in transcription. The protein may also play a role in DNA damage, growth inhibition and apoptosis of cancer cells. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]