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Product datasheet for RC226346

SMRC2 (SMARCC2) (NM_001130420) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SMRC2 (SMARCC2) (NM_001130420) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SMRC2
Synonyms:	BAF170; CRACC2; CSS8; Rsc8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence:

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>RC226346 representing NM_001130420
Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence:

>RC226346 representing NM_001130420
Red=Cloning site Green=Tags(s)

MAVRKKDGGPNVKYYEAADTVTQFDNVRLWLGKNYKKYIQAEPPTNKSLSSLVVQLLQFQEEVFGKHVSN
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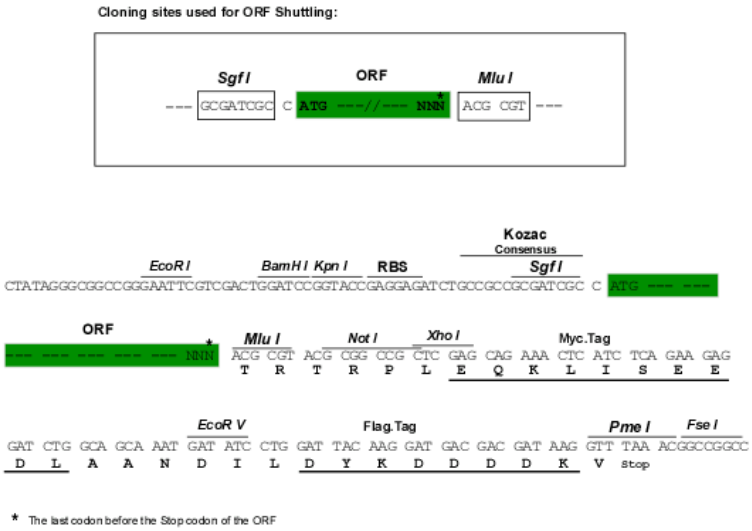
Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001130420

ORF Size: 3456 bp

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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.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001130420.3
RefSeq ORF:	3459 bp
Locus ID:	6601
UniProt ID:	Q8TAQ2
Cytogenetics:	12q13.2
Protein Families:	Transcription Factors
MW:	126.7 kDa
Gene Summary:	The protein encoded by this gene is a member of the SWI/SNF family of proteins, whose members display helicase and ATPase activities and which 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 and contains a predicted leucine zipper motif typical of many transcription factors. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

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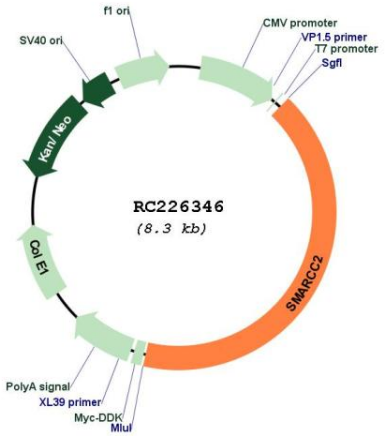
Product images:



Circular map for RC226346

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