

Product datasheet for **SC311683**

SMRC2 (SMARCC2) (AL833124) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SMRC2 (SMARCC2) (AL833124) Human Untagged Clone
Tag:	Tag Free
Symbol:	SMARCC2
Synonyms:	BAF170; CRACC2; Rsc8
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for AL833124, the custom clone sequence may differ by one or more nucleotides ATGGCGGTGCGGAAGAAGGACGGCGGCCCAACGTGAAGTACTACGAGGCCGCGGACACC GTGACCCAGTTCGACAACGTGCGGCTGTGGCTCGGCAAGAAGTACAAGAAGTATATACAA GCTGAACCACCCACCAACAAGTCCCTGTCTAGCCTGGTTGTACAGTTGCTACAATTTGAG GAAGAAGTTTTGGCAAACATGTCAGCAATGCACCGCTCACTAAACTGCCGGTGAGTGCA GAAGTAGCAGGGAGGGTGGGGGTGGTGGTGAATCCTTCAAAGTGAAGAGTTGTATT TTAAAAAAGATTTG
Restriction Sites:	Please inquire
ACCN:	AL833124
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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).



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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: [AL833124.1](#), [CAH56218.1](#)

RefSeq Size: 3250 bp

RefSeq ORF: 318 bp

Locus ID: 6601

Cytogenetics: 12q13.2

Protein Families: Transcription Factors

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]