

Product datasheet for **SC126963**

SMARCA6 (HELLS) (NM_018063) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SMARCA6 (HELLS) (NM_018063) Human Untagged Clone
Tag:	Tag Free
Symbol:	SMARCA6
Synonyms:	ICF4; LSH; Nbla10143; PASG; SMARCA6
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC126963 sequence for NM_018063 edited (data generated by NextGen Sequencing)

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ATGCCAGCGGAACGGCCCGGGCAGCGGGCTCGGAGGCTCCAGCAATGGTTGAACAA
CTGGACTGCTGTGATTACCCCGCCATGCTAGAAGAGGAAGAACAGCTTGAAGCTGCT
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TTAGATCGAAGTGATCTTATTGATCAAATGAATGCTTCAGGACCAATTAAGAGAAGATG
GGGATATTCAAGATATTAGAAAATCTGAAGATTCAGTCTGAATGTTTGTAA

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Clone variation with respect to NM_018063.3
 231 a=>c

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_018063 unedited</p> <pre>CGAATTCGGCACGAGGGGACGCGGTTGTGAGGAGTTAGCTCGCGGCATTGCAGGCTCTGA GAGGAGGGGACCCGGTCCCGGGTGTGAGTGTCCAGGCATGCCAGCGGAACGGCCCGCGGGC AGCGGGCGGCTCGGAGGCTCCAGCAATGGTTGAACAACGGACTGCTGTGATTACCCCG GCCATGCTAGAAGAGGAAGAAGCAGCTTGAAGCTGCTGGACTAGAGAGAGAGCGGAAGATG CTGGAAAAGGCTCGCATGTCTTGGGATAGAGAGTGCACAGAAAATTCGGTACCGTAGACT CAACATTTGCTTGAAAAAAGCAATATCTACTCCAATTTTTATTGACGAAAATGGAACAG CAACAATTAGAGGAACAGAAAGAAAGAAAAATTTGGAGAGAAAAAAGGAGTCTTTAAAA GTTAAAAAGGTTAAAAATTCATTTGATGCAAGTGAAGAGAAGCCAGTTATGAGGAAAAAA AGAGGAAGAGAAGATGAATCATACAATATTTTCAGAGGTCATGTCAAAAGAGGAAATTTTG TCTGTGGCTAAAAAAATAAAAAGGAGAATGAGGATGAAAACCTCCTCTACTAATCTC TGTGNGGAAGATCTTCAGAAAAATAAGATTGCAATAGTATAATTAAGATAGATTGTCT GACACGGTTAGGCAGAATACTAAATCTTTTTTGACCCAGTCCGGAAGTGAATGGTCAG CCAGTACCTTTTCAACACCCAAAGCACTTCACTG</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_018063 unedited</p> <pre>NGCGGGAATACTGTGTACCGCGCCGCTAGCTANGATCGGTAATCTTTTTTTTTTTTTTT TTTTTTCTATAAGGAACATTTATTTGGTAAACCATCTCATAGAAATAGACTCTAAAATC AAACAGTTTCTTAAACAACAGAAAGCATAATCCCAATCTCTCCCATGAAAAGCCTACTT CATAACTGAAGTACCTAAAGCCCATGAACTGCATTACTAGAAGAAAGGAGGAAAAAGAC ATTTACTAAACTCCACAGGAAGACTGTATAAATCTGGAAGTGGTTAAGTACACATCAGC CTGTATCCAAGAATACTACTCAGTCTCAAAAATTAAGTAAAATCTAACTTAATATGGA TACTTCTTTGTTCTTGGTAAGGCTCAGAAAATACCATCTATTTAAGTACGCATGGTACT AGTTACATGTCAACTGATATAATAAAAAAGGTGAAGTGGACAATCAGTATTTCAAACCA ATACAGGGAAATCACTAGATGTAATAAGAAGCTTTTAAAAGCTATTCTTGAGCTCCACTT TAAACAAACATTCAGGACTGGAATCTTCAGAATTTTCTAATATCTTGAATATCCCATC TTCTCTTAATTTGGTCTGAAGCATTCAATTTGATCAATAAGATCACTTCGATCTAACAAC AACTCTAGATCTTTATCACTAAAGACCTTCTCTTGTATCCTTTTTATTTCCCTTTCAA ACCTCTAGATTTTAAAAATCCATTTAATTCCTTAGGATCTAAGAAATCTTAGACAGATT AAATCCAACACTGACCCCTTTTGAAGGATTTTATGGATGATACAACCTTTCCAGTTTC CTTTTAAACAGCTGGCTTTTCCAAAATTTTGAACGCAAAGTTTTGGCGGGAACCAAGGGG AA</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_018063
Insert Size:	3200 bp
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).
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_018063.3](#), [NP_060533.2](#)

RefSeq Size: 3165 bp

RefSeq ORF: 2517 bp

Locus ID: 3070

UniProt ID: [Q9NRZ9](#)

Cytogenetics: 10q23.33

Domains: SNF2_N, DEAD, helicase_C

Gene Summary: This gene encodes a lymphoid-specific helicase. Other helicases function in processes involving DNA strand separation, including replication, repair, recombination, and transcription. This protein is thought to be involved with cellular proliferation and may play a role in leukemogenesis. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jan 2014]
Transcript Variant: This variant (1) encodes isoform 1.