

## Product datasheet for **RG239603**

### SMARCA6 (HELLS) (NM\_001289069) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SMARCA6 (HELLS) (NM_001289069) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SMARCA6
Synonyms:	ICF4; LSH; Nbla10143; PASG; SMARCA6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG239603 representing NM\_001289069.  
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGCCAGCGGAACGGCCCGGGCAGCGCGGCTCGGAGGCTCCAGCAATGGTTGAACAACCTGGACACT
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AAGATGCTGAAAAAGGCTCGCATGCTTGGGATAGAGAGTCGACAGAAATTCGGTACCGTAGACTTCAA
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CCAATTAAGAGAAGATGGGGATTTCAAGATATTAGAAAATCTGAAGATTCAGTCTGATGATGTTG
TTT
ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAAAC
```

**Protein Sequence:** >Peptide sequence encoded by RG239603  
 Blue=ORF Red=Cloning site Green=Tag(s)

MPAERPAGSGGSEAPAMVEQLDTAVITPAMLEEEEQLEAAGLERERKMLEKARMSWDRESTEIRYRRLQ  
 HLLLEKSNIYSKFLLLTKMEQQLEEQKKKEKLERKKEKSLKVKKGKNSIDASEEKPVMRKKRGREDESYPNI  
 SEVMSKEEILSVAKKNKKENEDENSSTNLCEVDLQKNKDSNSIIKDRLSETVRQNTKFFDPVRKCNG  
 QPVPFQQPKHFTGGVMRWYQVEGMEWLRMLWENGINILADEMGLGKTVQCIATIALMIQRGVPGPFLV  
 CGPLSTLPNWMAEFKRFDPDIPTMLYHGTQEERQKLHCYWKYLIVDEGHRICKMKRLIRELKRFNADN  
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 FLLRRLKSDVALEVPPKREVVVYAPLSKKQEIFYTAIVNRTIANMFGSSEKETIELSPTGRPKRRTRKS  
 INYSKIDDFPNELEKLIISQIQPEVDRERAVVEVNIPVESEVNLKLNIMLLRKCCHPYLIEYPIDPV  
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 REKNMHSFNTDPEVFI FLVSTRAGGLGINLTAADTVIIYDSWNPQSDLQAQDRCHRIGQTKPVVVYRL  
 VTANTIDQKIVERAAAKRLEKLIHKNHFKGGQSGNLNLFDPKELMELLKSRDYEREIKGSREKV  
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 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV  
 MGYGFYHFGTYPSTYENPFLHAINNGGYTNRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED  
 SVIFTDKIIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA  
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

**Restriction Sites:** Sgfl-Mlul



RefSeq Size: 3067 bp

RefSeq ORF: 2421 bp

Locus ID: 3070

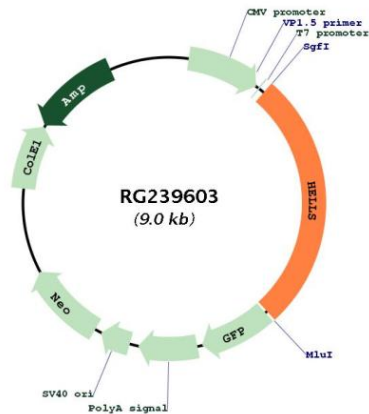
UniProt ID: [Q9NRZ9](#)

Cytogenetics: 10q23.33

MW: 93.8 kDa

**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]

### Product images:



Circular map for RG239603