

Product datasheet for **RG239389**

SMARCA6 (HELLS) (NM_001289071) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SMARCA6 (HELLS) (NM_001289071) 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:

>RG239389 representing NM_001289071.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
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AACTACTAAATCTTTTTGACCCAGTCCGGAAGTGAATGGTCAGCCAGTACCTTTCAACAACCAAAG
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TTT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
  
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Protein Sequence: >Peptide sequence encoded by RG239389
 Blue=ORF Red=Cloning site Green=Tag(s)

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MRKKRGREDESYNISEVMSKEEILSVAKKNKKENEDENSSTNLCVEDLQKNKDSNSIIKDRLSETVRQ
NTKFFFDVPVRKCNQPVFPFQQPKHFTGGVMRWYQVEGMEWLRMLWENGINGLADEMGLKTVQCIATI
ALMIQRGVPVPGPFLVCGPLSTLPNMAEFKRFTPDIPTMLYHGTQEERQKLVVNIYKRKGTLQIHPVIT
SFEIAMRDRNALQHCYWKYLIVDEGHRIKNMKCRILRELKRFNADNKLTLTGTPLQNNLSELWLLNFL
LPDVFDDLKSFESWFDITSLSETAEDIIAKEREQNVLHMLHQILTPFLLRRLKSDVALEVPKREVVVY
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VDRERAVVEVNIPESEVNLKLQNMMLLRKCCNHPYLIEYPIDPVTQEFKIDEELVTNSGKFLILDRM
LPELKKRGGHVKLLFSQMTSMLDILMDYCHLRDFNFSRLDGSMSYSEREKNMHSFNTDPEVFI FLVSTRA
GGLGINLTAADTVIIYSDWNPQSDLQAQDRCHRIGQTKPVVVYRLVTANTIDQKIVERAAAKRLEKL
IIHKNHFKGGQSLNLSKNFLDPKELMELLKSRDYEREIKGSREKVISDKLELLLLDRSLIDQMNASG
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SVIFTDKIIIRSNAIVEHLHPMGDNDLDGSFTRTFLSLRDGGYSSVVD SHMHFKSAIHP SILQNGGPMFA
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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001289071

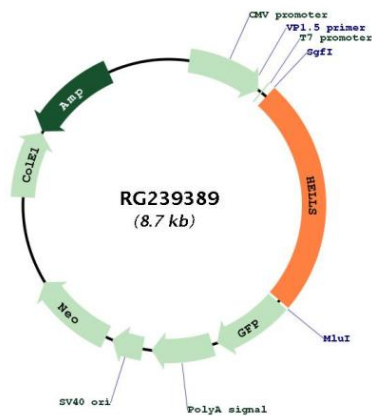
ORF Size: 2142 bp

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).
RefSeq:	NM_001289071.2
RefSeq Size:	3207 bp
RefSeq ORF:	2145 bp
Locus ID:	3070
UniProt ID:	Q9NRZ9
Cytogenetics:	10q23.33
MW:	83.2 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 RG239389