

Product datasheet for **RG238198**

SMARCA6 (HELLS) (NM_001289075) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | SMARCA6 (HELLS) (NM_001289075) 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) |
| ORF Nucleotide Sequence: | >RG238198 representing NM_001289075. Blue=ORF Red=Cloning site Green=Tag(s) |

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCCGCCGGGAATTCGTCGACTG
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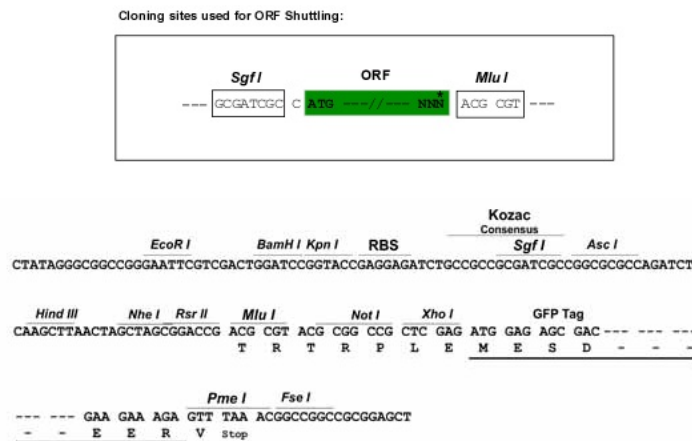
[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG238198
 Blue=ORF Red=Cloning site Green=Tag(s)

MRYSFESWFDITSLSETAEDIIAKEREQNVLHMLHQILTPFLLRRLKSDVALEVPPKREVVVYAPLSKK
 QEIFYTAIVNRTIANMFGSSEKETIELSPTGRPKRRTRKSYNSKIDDFPNELEKLSIQIQPEVDRERA
 VVEVNIPVESEVNLKLQINIMLLRKCCHPYLIEYIPVPTQEFKIDEELVTNSGKFLILDRMLPELKK
 RGHKVLLFSQMTSMLDILMDYCHLRDFNFSRLDGSMSYSEREKNMHSFNTDPEVFI FLVSTRAGGLGIN
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 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001289075

ORF Size: 1296 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_001289075.2](#)

RefSeq Size: 2966 bp

RefSeq ORF: 1299 bp

Locus ID: 3070

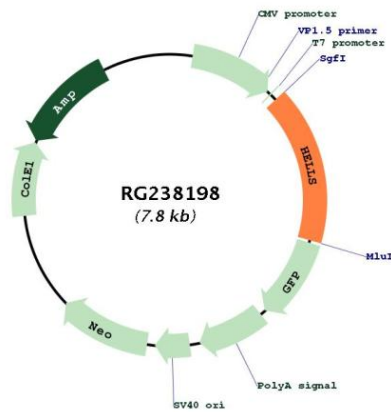
UniProt ID: [Q9NRZ9](#)

Cytogenetics: 10q23.33

MW: 50.4 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 RG238198