

Product datasheet for **MG201820**

Insl6 (NM_013754) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Insl6 (NM_013754) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Insl6
Synonyms: RIF1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG201820 representing NM_013754
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAGCAGCTGTGCTGTTCTTGTCTGTTGTGGCTTGGACTCCTACTGACTCCTTTCTCCAGGGAAGAGG
 AAGAGGAATCCAGACCCAGGAAGCTGTGCGGCAGGCACCTGCTGATAGAAGTTATAAACTCTGTGGCCA
 AAGTGACTGGAGCCGTTTCGAGATGGAGGAGCAAAGTCTATGACACAGTTCTTTCCCACTACTCACGC
 AAGGGCAAAGCCTTCAACCCTCACCTTCTTCTCCGCTGGAGAAGATTCACAAACCCAGTCCCTGCAG
 GCGTCTCTCAGAAGAAAGGAACACACACTTGGGAGCCTCAGTCACTGCCGACTATCAGTTTGAAGAAC
 GGAGTTGCTTCTAAGGCAAGAGTGTTCATACACAGTGGCAAGCCCTATGTTAAGAGCGTACAACCT
 CAGAAGAAAAGCACGAACAAAATGAATACCTTCAGAAAGTTATTTTGGGGGAATCATTCCCAAAGGAAAC
 GCAGAGGCTTTGCAGATAAGTGCTGTGTGATAGGATGCACCAAAGAAGAGATGGCCGTCGCGTGCCTCCC
 CTTTGTGATTTT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG201820 representing NM_013754
 Red=Cloning site Green=Tags(s)

MKQLCCSCLLWLGLLLTPFSREEEEEERPRKLCGRHLLIEVIKLCGQSDWSRFEMEEQSPMTQFFPHYSR
 KGKAFNPHPPSSAWRRFTNPVPAVVSQKKGHTWEPQSLPDYQFEKTELLPKARVFSYHSGKPYVKSQVL
 QKKSTNMNTFRSLFWGNHSQRKRRGFADKCCVIGCTKEEMAVACLFPVDF

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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_013754.1](#), [NP_038782.1](#)

RefSeq Size: 660 bp

RefSeq ORF: 576 bp

Locus ID: 27356

UniProt ID: [Q9QY05](#)

Cytogenetics: 19 C1

Gene Summary: May have a role in sperm development and fertilization.[UniProtKB/Swiss-Prot Function]