

Product datasheet for **RR201458**

Insl6 (NM_022583) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Insl6 (NM_022583) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Insl6
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR201458 representing NM_022583
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGCAGCTGTGCTGTTCTTGTCTGTTGTGGCTTGGACTCCTACTGGCTCCTTTCTCCAGGAACAAG
AAGAGGTCACCGCCACGAAGTTGTGCGGCAGGGACCTGTTGGTAGAAGTTATAAACTCTGTGGCCA
AAATGACTGGAGCCGGTTCGATGGAAGAGCAAAGTCCTATGACAGAGTTGGTCCCAATATACACGG
AAAGTCAAAACCTTCAACCCTCACCGGTCCTCCTCCTCGGGGAAGATTCAAAACCCAGGCGTCTCCC
AGAAGAAAGCAACACACTTGGGAATCTCAGTCACTGCCAACTATCAGCTTAAAAAGGAGGAGCTGCT
TCCGAAGACAGGAGTGCAATTCATACCACGGTGGCAAGCCCTATGTGAAGAGTGTAAAATTCAGAAGAAA
AACACTGACAAAATGAGTACCTCAGCGGCTATTTTGGGGGAACCATCCCAGAGGAAGCGCAGAGGTT
TCGCAGATAAATGCTGTGCTATAGGGTGTCCAAAGAGGAGCTGGCCGTCGCATGCCTCCGTTTGTGA
TTTT

ACGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR201458 representing NM_022583
Red=Cloning site Green=Tags(s)

MKQLCCSCLLWLGLLLAPFSQEQEVTSPKLCGRDLLVEVIKLCGQNDWSRFSMEEQSPMTELVPQYTR
KVKTFNPHRSSSSWGRFTNPGVSQKKATHTWESQSLPNYQLKKEELLPKTGVHSYHGKPYVKSVKFQKK
NTDKMSTFSGLFWGNHPQRKRGRFADKCCAIGCSKEELAVACLPFVDF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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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:	<ol style="list-style-type: none">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:	<u>NM_022583.1</u> , <u>NP_072105.1</u>
RefSeq Size:	743 bp
RefSeq ORF:	567 bp
Locus ID:	50546
UniProt ID:	<u>Q9WV41</u>
Cytogenetics:	1q52
MW:	21.4 kDa
Gene Summary:	member of the insulin family expressed in testis [RGD, Feb 2006]