

Product datasheet for MC225902

Insl5 (NM_001290648) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Insl5 (NM_001290648) Mouse Untagged Clone
Tag: Tag Free
Symbol: Insl5
Synonyms: RIF2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC225902 representing NM_001290648
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTGCTTAGTAAACACTGTTAAGATAAGGATGAAGGGCCCCACTCTTGCTCTGTTTCTCCTCTTAGTTC
 TGTTGGCTGTGGTGAAGTAAGAAGCAGGCAGACTGTGAAGCTCTGTGGCCTGGACTACGTGAGAACAGT
 TATCTACATCTGTCCAGCTCACGGTGGAGGAGACATCTGGAGGGCATTCCACTCTCAACAAGCTGAG
 ACAAGAACTACCTCCAGCTCCTAGACAGGCACGACCCATCCAAGAACTCTGGAGCACAGCCTTCCCA
 AGACGGATCTCTCAGGACAGGAGCTTGTTCGAGATCCACAGGCACCCAAGGAAGGCTTTGGGAAGTGA
 GAAGCACTCAGTGGATCCAGACGAGATCTGCAAGCTCTGTGCTGCAGGGAAGGCTGCTCCATGAAGGAA
 CTCAGCACCTCTGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001290648
Insert Size: 438 bp
OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001290648.1</u> , <u>NP_001277577.1</u>
RefSeq Size:	704 bp
RefSeq ORF:	438 bp
Locus ID:	23919
UniProt ID:	<u>Q9WUG6</u>
Cytogenetics:	4 47.27 cM
Gene Summary:	May have a role in gut contractility or in thymic development and regulation. Activates RXFP4 with high potency and appears to be the endogenous ligand for this receptor (By similarity). [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).