

Product datasheet for **SC118778**

INSL4 (NM_002195) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: INSL4 (NM_002195) Human Untagged Clone
Tag: Tag Free
Symbol: INSL4
Synonyms: EPIL; PLACENTIN
Mammalian Cell Selection: None
Vector: pCMV6-XL4
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_002195 edited
 ATGGCCAGCCTGTTCCGGTCTATCTGCCAGCAATCTGGCTGCTGAGCCAACCTCCT
 AGAGAAAGCCTAGCAGCAGAGCTGAGGGATGTGGTCCCCGATTGGAAAACACTTGCTG
 TCATATTGCCCATGCTGAGAAGACATTACCACCACCCAGGAGGGTGGCTGCTGGAA
 TCTGGACGTCCCAAAGAAATGGTGTCAACCTCCAACAACAAAGATGGACAAGCCTTAGGT
 ACGACATCAGAATTCATTCTAATTTGTACCAGAGCTGAAGAAACCACTGTCTGAAGGG
 CAGCCATCATTGAAGAAAATAACTTTCCCGCAAAAAGAGAAGTGGACGTCACAGATTT
 GATCCATTCTGTTGTGAAGTAATTTGTGACGATGGAACCTCAGTTAAATTATGTACATAG

5' Read Nucleotide Sequence: >OriGene 5' read for NM_002195 unedited
 NNCCTCCGTCAAATTTGTATACGACTCACTATAGCGCGCCGNAATTCGACGAGGGACA
 CACCAGCACAGTCTGGTAGGCTACAGCAGCAAGTCTCTAAAGAAAGGCTGAGAACACCCA
 GAACAGGAGAGTTCCAGGATGGCCAGCCTGTTCCGGTCTATCTGCCAGCAATCT
 GGCTGCTGCTGAGCCAACCTTAGAGAAAGCCTAGCAGCAGAGCTGAGGGGATGTGGT
 CCCGATTGGAAAACACTTGCTGTCATTTGCCCATGCCTGAGAAGACATTACCACCA
 CCCCAGGAGGGTGGCTGCTGGAATCTGGACGTCCCAAAGAAATGGTGTCAACCTCCAACA
 ACAAGATGGACAAGCCTTAGGTACGACATCAGAATTCATTCTAATTTGTACCAGAGC
 TGAAGAAACCACTGTCTGAAGGGCAGCCATCATTGAAGAAAATAACTTTCCCGCAAAA
 AGAGAAGTGGACGTCACAGATTTGATCCATTCTGTTGTGAAGTAATTTGTGACGATGGAA
 CTTCAAGTTAAATTATGTACATAGTAGAATCATGGACTGGACATCTCATCCATTCTCA
 TATGTATTCTCAATGACAAATTCAGTATGCCCCAATTAATGATTGCTGTTTATTAGAAA
 AAAAAANNAANANAAAAAATACTCGACTCTAGATTGCGGCCGCGGTATAGCTGTTTC
 CTGAACAGATCCCGGGTGGCATCCCTGTGACCCCTCCCATGCCTCTCCTGGCCCTGGAA
 GTTGCCACTCCAGTGGCCACCAGCCTTGTCTAATAAAATAGTTGCATCATTTTGTCTG
 ACTAGGTGCTTCTTATATATGTGANNGGGGNGGNGGGGTGGGGGNNNNNNNNNNNN
 GGGGGNNNTNGC

Restriction Sites: NotI-NotI



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ACCN:	NM_002195
Insert Size:	650 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).
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_002195.1</u> , <u>NP_002186.1</u>
RefSeq Size:	617 bp
RefSeq ORF:	420 bp
Locus ID:	3641
UniProt ID:	<u>Q14641</u>
Cytogenetics:	9p24.1
Protein Families:	Druggable Genome, Secreted Protein
Gene Summary:	INSL4 encodes the insulin-like 4 protein, a member of the insulin superfamily. INSL4 encodes a precursor that undergoes post-translational cleavage to produce 3 polypeptide chains, A-C, that form tertiary structures composed of either all three chains, or just the A and B chains. Expression of INSL4 products occurs within the early placental cytotrophoblast and syncytiotrophoblast. [provided by RefSeq, Jul 2008]