

Product datasheet for **SC325478**

IGFL2 (NM_001135113) Human Untagged Clone

Product data:

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|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | IGFL2 (NM_001135113) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | IGFL2 |
| Synonyms: | UNQ645; VPRI645 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >NCBI ORF sequence for NM_001135113, the custom clone sequence may differ by one or more nucleotides ATGGTGCCCGAGAATCTTCGCTCCTGCTTATGTGTCAGTCTGTCTCCTCCTTGTGTCCA AGGGAAGTCATCGCTCCCGCTGGCTCAGAACCATGGCTGTGCCAGCCGGCACCCAGGTGT GGAGACAAGATCTACAACCCCTTGGAGCAGTGCTTTACAATGACGCCATCGTGTCCCTG AGCGAGACCCGCCAATGTGGTCCCCCTGCACCTTCTGGCCCTGCTTTGAGCTCTGCTGT CTTGATTCTTTGGCCTCACAAACGATTTTGTGTGAAGCTGAAGGTTTCAGGGTGTGAAT TCCCAGTGCCACTCATCTCCCATCTCCAGTAAATGTGAAAGCAGAAGACGTTTTCCC |
| Restriction Sites: | Please inquire |
| ACCN: | NM_001135113 |
| 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). |
| OTI Annotation: | This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA. |
| 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). |



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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_001135113.1](#), [NP_001128585.1](#)

RefSeq Size: 618 bp

RefSeq ORF: 360 bp

Locus ID: 147920

UniProt ID: [Q6UWQ7](#)

Cytogenetics: 19q13.32

Protein Families: Secreted Protein

Gene Summary: IGFL2 belongs to the insulin-like growth factor (IGF; see MIM 147440) family of signaling molecules that play critical roles in cellular energy metabolism and in growth and development, especially prenatal growth (Emtage et al., 2006 [PubMed 16890402]).[supplied by OMIM, Mar 2008]
Transcript Variant: This variant (2) differs in the 5' UTR and 5' coding region, compared to variant 1, resulting in an isoform (b) that has a distinct N-terminus and is shorter than isoform a.