

Product datasheet for SC107843

IGFL1 (NM_198541) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IGFL1 (NM_198541) Human Untagged Clone
Tag:	Tag Free
Symbol:	IGFL1
Synonyms:	APRG644; UNQ644
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC107843 sequence for NM_198541 edited (data generated by NextGen Sequencing)

ATGGCTCCCCGAGGCTGCATCGTAGCTGTCTTTGCCATTTTCTGCATCTCCAGGCTCCTC
TGCTCACACGGAGCCCCAGTGGCCCCCATGACTCCTTACCTGATGCTGTGCCAGCCACAC
AAGAGATGTGGGGACAAGTTCTACGACCCCTGCAGCACTGTTGCTATGATGATGCCGTC
GTGCCCTTGCCAGGACCCAGACGTGTGAAACTGCACCTTCAGAGTCTGCTTTGAGCAG
TGCTGCCCTGGACCTTCATGGTGAAGCTGATAAACCAGAACTGCGACTCAGCCCGGACC
TCGGATGACAGGCTTTGTCGCAGTGTCTAGCTAA

Clone variation with respect to NM_198541.1

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_198541 unedited
AATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGCAACCACCCAG
AGCCATGGCTCCCCGAGGCTGCATCGTAGCTGTCTTTGCCATTTTCTGCATCTCCAGGCT
CCTCTGCTCACACGGAGCCCCAGTGGCCCCCATGACTCCTTACCTGATGCTGTGCCAGCC
ACACAAGAGATGTGGGGACAAGTTCTACGACCCCTGCAGCACTGTTGCTATGATGATGC
CGTCGTGCCCTTGCCAGGACCCAGACGTGTGAAACTGCACCTTCAGAGTCTGCTTTGA
GCAGTGTGCCCTGGACCTTCATGGTGAAGCTGATAAACCAGAACTGCGACTCAGCCCG
GACCTCGGATGACAGGCTTTGTCGAGTGTCTAGCTAATGGAACATCAGGGGAACGATGAC
TCCTGGATTCTCCTTCCTGGGTGGGCTGGAGAAAGAGGCTGGTGTACCTGAGATCTGG
GATGCTGAGTGGCTGTTTGGGGGCCAGAGAAACACACACTCAACTGCCCACTTCATTCTG
TGACCTGTCTGAGGCCACCCCTGCCGCTGCCCTGAGGAGGCCACAGGTCCCCTTCTAGA
ATTCTGGACAGCATGAGATGCGTGTGCTGATGGGGGCCAGGGACTCTGAACCTCCTGA
TGACCCCTATGGCCAACATCAACCCGGCACCACCCCAAGGCTGGCTGGGGAACCTTCAC
CCTTCTGTGANGATTTCCATCATCTCAAGTTCTCTTCTATCCAGGAGCANAGCACAGGAT
CATTATAAATTTATGTACTTTATAAANAAAAAAAAAAAAAACTCGACTCTAGATTGCGGCC
GCGGTCATAGCTGTTTTCTGAACAGATCCCGGTGGGCATCCTGTGA



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Restriction Sites:	NotI-NotI
ACCN:	NM_198541
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:	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_198541.1, NP_940943.1</u>
RefSeq Size:	771 bp
RefSeq ORF:	333 bp
Locus ID:	374918
UniProt ID:	<u>Q6UW32</u>
Cytogenetics:	19q13.32
Protein Families:	Secreted Protein, Transmembrane
Gene Summary:	The protein encoded by this gene is a member of the insulin-like growth factor family of signaling molecules. The encoded protein is synthesized as a precursor protein and is proteolytically cleaved to form a secreted mature peptide. The mature peptide binds to a receptor, which in mouse was found on the cell surface of T cells. Increased expression of this gene may be linked to psoriasis. [provided by RefSeq, Aug 2016]