

Product datasheet for **SC112191**

OGFRL1 (NM_024576) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	OGFRL1 (NM_024576) Human Untagged Clone
Tag:	Tag Free
Symbol:	OGFRL1
Synonyms:	dj331H24.1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_024576, the custom clone sequence may differ by one or more nucleotides

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ATGGGCAACCTGCTCGGCGGGGTGAGCTCCGCGAGCCACCACCGTGGAGGACTGCGACTCCACCTGGC
AGACCGACTCGGAGCCGAGCCGAAGAACCAGGGCCGGGCGGCGGCGAGCGAGGGCCCGGGGAGGAGTC
CGAGCAGCCCGCGCAGCCCCGGAGCAAGCCGGGCGGGCGCCCGGCGCCAGCCCCGCGCCGGACGAGGAC
GCCGAGGCGGGGCGCCGAGCAGGGTGGTATTCCACTGAAGCAACTGCCAAACCAAGAGAAGTTTTT
ATGCTGCCAGGGATTTGTACAAGTACCGACACCAGTACCCAACTTCAAAGATATCCGATATCAAAATGA
CTTGAGCAATCTTCGTTTTATAAGAATAAAATCCATTCAAGCCAGATGGTGTTCATTGAAGAAGTT
CTAAGTAAATGGAAAGGAGATTATGAAAACTGGAGCACAAACCACTTACATTCAATGGCTTTTCCCCC
TGAGAGAAACAAGGCTTGAACCTTATGCCAAAGAACTAATACATATGAAATTGAGGAATCAAAAAAAC
AAAAGAAGCAATTAGAAGATTCCTCGCTTATAAAATGATGCTAGAATTTTTTGAATAAAACCTGACT
GATAAACTGAAATGTTGCTCGGGCTGTTAACTGGCAGGAAAGATTTTCAGCATCTGAATGAGTCCCAGC
ACAACATTTAAGAATCACTCGTATTCTTAAAAGCCTTGGTGAGCTTGGATATGAAAGTTTTAAATCTCC
TCTTGAAAAATTTATTCTTCATGAAGCTTGTGGAGAATACTATTCCCAATATTAAGCAGAGTGCTCTA
GAGTATTTGTTTATAACAATTAGAGACAGAAGAGAAAGGAGAAAGCTCCTGCGGTTCGCCAGAAACACT
ACACGCCCTCAGAGAACCTTATCTGGGGACCGCTCGAAAAGAACAGTCGGAGGGAAGCAAGGCCAGAA
AATGCTTCCCCTCTCGCCTCCAGTCATAACAGTCAAACCTTCTATGCACAAAAAGCCAAAGGACTCCAAA
AATTCTCCTCAGCTGTTCAATTTAAATAGCAAAACAGCTGAAGACAAAAAAGTGGCACCAAAAAGAGCTG
TGAAGAGACAGACAGGCCAGCCAGCCAGACCCAGCAATGAAGCTGCCAAGCCAAGAAATACAGAGAAGGA
CAGTAATGCTGAGAACATGAATTCTCAACCTGAGAAAACAGTTACTACTCCACAGAAAAAAGGAGAGT
GTATCTCCTGAGAATAACGAAGAAGGTGGAAATGATAACCAAGACAATGAAAATCCTGGAATACAAATT
GCCATGATGTTGTACTAGTACAGTGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_024576 unedited
 TTTTCCCGCCCGTTGCCGCAAAGGGCGGTAGGCGGTACGGTGGNGAGTCTATATAA
 GCAGAGCTCATTTAGGTGACACTATAGAATACAAGCTACTTGTTCTTTTGCAGCGGCCG
 CGAATTCGGCAGCAGGGCGACACCAGTACCCAACTTCAAAGATATCCGATATCAAATGA
 CTTGAGCAATCTCGTTTTATAAGAATAAAATCCATTCAAGCCAGATGGTGTTCACAT
 TGAAGAAGTTCTAAGTAAATGGAAGGAGATTATGAAAACTGGAGCACAACCACACTTA
 CATTCAATGGCTTTTCCCCTGAGAGACAAGGCTTGAACCTTATGCCAAAGAATAAC
 TACATATGAAATTGAGGAATTCAAAAAACAAAAGAAGCAATTAGAAGATTCCTCCTGGC
 TTATAAATGATGCTAGAAATTTTTTGAATAAACTGACTGATAAACTGGAAATGTTGC
 TCGGGCTGTTAACTGGCAGGAAAGATTTTCAAGTCTGAATGAGTCCCAGCACAACATTT
 AAGAATCACTCGTATTCTTAAAAGCCTTGGTGAGCTTGGATATGAAAGTTTTAAATCTCC
 TCTTGNTAAAATATTCTTCATGAAGCTTGTGGAGAATACTATTTCCCATATTAAGCA
 GAGTGCTCTAGAGTATTTGTTTATAACAATTAGAGACAGAAGAGAAGGAGAAAGCTCCTG
 CGTTTCGGCCAGAACTACACGCCTTCAGAGAATTTATCTGGGGACCGCCTTCGAAA
 GAACAGCCGAGCAAGCCAAACCCACGAAATGTCTTCCCCTCTCGCCTCCAGTCTAACAG
 TCAAATCTATGCCAAAAAGCCAAAGACTCCAAAATTCCTCCTCAGCTGTCATTTTAA
 AACACAACAGCTTGAGACAAAAGTGGGCCAA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_024576 unedited
 GGGCTTCGTTTTATCTATGNACCAGCGCCGCTTCTANGATCGAGTTTTTTTTTTTTTTT
 TTTGTTTTTTTGTCTAGTAACCTCTGAGTTGTAGATTTTATTTTCTCATTGAAGCTGGAA
 AAAATAGTCCCAAACCTAAATTCAAAATAAACTATGCAACATAATTTTGAAGTTGACA
 ACTAGGCTTGATTTAGAGAAAGTAAACATATTTTACCTCTATCATTATTTTGAATT
 TCTTATGAGATCGAGAATGAAAATGTATAATGGTACAATATTCTTCATGTTATAAACTCT
 TTCTCTACTGTACAGAAATATATCTTATAACTATATGTCACCTTTACAGTATTTAAAAATA
 GTTTCACATAATCTCCTTTGATATATGAAAGCACAAAATATTAGAAATGTTCTAGACTAA
 TCAAGCGATATAACATCTATTTGCCATGAAATGCCAGTTAGTATTTTATCAATAGCCAAT
 ATTTAGTATCCTTGCCTCCACAGTACAACCATTAAGATTATATTTGTAAAGATTCAA
 TAATATTTTAGCTATTTGGGCATGCCTCACTGGCTTTTTTATAACAGCTTCTCAATGAA
 TTTCTGGCAGCCTATCGGAGATTTTTAAAAATACCAAACATAGGAGTCAAACCCGAAACA
 CTGGTTTTCTATTTAGACACCCCTAAATACCTATCCTTTTGTATCTTTATTTAAAAATTA
 ATTTTCCAGCTTTATTTAAAAAAAATTTTGAACCTCCCTGTGTATCTCCAAAAGGA
 GGAGAAAACCCCTAATTGGTCCCCCTGGGAGGATAATTTTAAGTATTTTCGGGGTAAAAAG
 TGGGAAAAAACTCTATTTTTGGAAATGCC

Restriction Sites:

NotI-NotI

ACCN:

NM_024576

Insert Size:

4700 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:

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_024576.1](#), [NP_078852.1](#)

RefSeq Size: 1755 bp

RefSeq ORF: 1755 bp

Locus ID: 79627

UniProt ID: [Q5TC84](#)

Cytogenetics: 6q13

Domains: OGF_r_N

Protein Families: Druggable Genome