

Product datasheet for **SC113627**

Clorf112 (NM_018186) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Clorf112
Synonyms:	RPI-97P20.1
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



Fully Sequenced ORF: >NCBI ORF sequence for NM_018186, the custom clone sequence may differ by one or more nucleotides

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ATGTTTTTACCTCATATGAACCACTGACATTGGAACAGACTTTCTTTTACAAGTGTACCAAAGACTG
TGAAATTATTCGATGACATGATGTATGAATTAACCACTCAAGCCAGAGGACTGTCAAGCCAAATTTGGA
AATCCAGACCACTCTAAGGAATATTTTACAAACAATGGTGCAGCTCTTAGGAGCTCTACAGGATGTGTT
CAGCATATCTGTGCCACACAGGAATCCATCATTTTGGAAAATATTAGAGTCTCCCTCCTCAGTCCTTC
ATATAATTAAGACACATTTGTGCATTGTAAGAATAGTGAATCTGTGTATTCTGGGTGTTTACACCTAGT
TTCAGACCTTCTCCAGGCTCTTTTCAAGGAGGCCTATTCTCTTCAAAGCAGTTAATGGAAGTGTGGAC
ATGGTTTGCATGGACCTTTAGTAGATGACAATGATGATATTTGAATATGGTAATAGTTATTCTTCTT
TATTGGATATCTGCTCTGTTATTTCCAGTATGGACCATGCATTTTCATGCCAATCTTGGAAAGTTTATAAT
TAAGCAGAGCCTTAAGCACCAGTCCATAATAAAAAGCCAGTTGAAACACAAAGATATAATTACTAGCTTG
TGTGAAGACATTCTTTCTCTTCCATTCTTGTTACAGTTAGCTGAGCAGATGACACAGTCAGATGCAC
AGGATAATGCTGACTACAGATTATTTAGAAAACACTCAAATGTGTCGTTTTTTGCCAACTCCCTTTT
GCACTACGCTAAGGAATTTCTTCTTCTCTCTGATTCTTGTCTGACTTTGCACCAACTGTATCTTCAG
ATACACAGCAAGTTTCTCCAAGCCTTTATGCTACCAGGATTTCTAAAGCACACCAAGAGGAAATAGCAG
GTGCTTTCTAGTGACACTGGATCCACTTATCAGTCAGCTGCTCACATTTACAGCCTTTATGCAGGTGGT
TTTGGACAGTAAATTAGACCTGCCATGTGAAGTGCAGTTTCCAAATGTCTTCTTCTGGTTGTTGTCATG
GATAAGCTGCCATCTCAGCCTAAGGAAGTGCAAAACCCTGTGGTGCACAGACAGCCAGGTCTCAGAAACGA
CAACCAGGATATCTCTACTCAAAGCCGTTTTCTACAGTTTTGAGCAGTGTCTGGTGAAGTCTCTCTACC
TGTTCAATTTACAGGGATTAAGAGTAAGGGGAAAGCTGAGGTGGCTGTCACCTGTATCAGCATGTTTGT
GTTTCATCTGTGACATTTATTACTTCTTTTCATCCCTCACTGTTTGTGTAAGTGGATGCTGCTGCTGA
ATGCTGTACTTAGTGCTAATATGATCACCTCTTTGTTAGCTATGGATGCATGGTGTCTTCTGCTCGATA
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TGGAGTTTATCCAGAAATTTTCCCAAAAAGAGCAGAAATCTGCCTCTGTGGCAACATATTTCTTCCA
GGCGTTACCTCCTGAGCTTAGGGAACAACTGTCCATGAGGTCAACACAGTAGGCACTGCAGAATGCAGG
AAATGGCTGAGCAGGAGTCGTACTTTGGGAGAACTAGAATCTCTGAACACAGTACTGTCTGCTTTGCTTG
CAGTATGTAATCTGCTGGTGAAGCTTTGGATACAGGAAAACAACTGCAATTATCGAAGTTGTGAGTCA
GCTTTGGGCTTTTTTAACATTAAACAGGTAGCAGATCAACCTTATGTTCAACAGACATTCAGCCTTTTA
CTTCCACTGTTGGGATTTTTCATTCAAACCTCTAGATCCTAAACTGATACTTCAGGCAGTAACCTTTCAGA
CCTCGTACTTAAATTAGAGCTTCTGACTATGTTCTGTTGGCAATGTTGGATTTTGTATCTTCTTAGG
AAAACCTTTTATACCTGAAGCTATCCAGGACAGAATTCTGCCAACCTGTCCTGTATGTTTGCTTACTG
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TGGGAACCTTTGCTAATGTGACTGTAGAAGAAGCAAGAGGTATCTTTACAGCCTTATGCAAAAAGAG
CTCGTCAGGAGTTCCCTGGGAAGAAGAGTACAGGTGAGCGCTGCATACAATAGCAGGGGCTTTGGAAGC
AACTGAGTCACTACTCCAAAAGGGTCTGCTCCAGCCTGGCTTTCATGGAATGGAGGCGCTCCAAGAA
AGGATGGATAAGCTAAAACGTTACATACATACTCTAGGGTGA

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5' Read Nucleotide
Sequence:

>OriGene 5' read for NM_018186 unedited
 NGGGTTCAAATTTGTATACGACTCCTATAGGGCGGCCGCAATTTCGCACGAGGGCTTTGG
 CGGGTCTGGTTTGAAGCTCTCCTGTTTGACGAAAGTATGTCTCAGGAAGGTGCGGTCCCA
 GCTAGCGCGGTTCCCTGGAAAGAAATTAAGTAGCTGGCCAGAGGAGCTATGCCGCCGGGAA
 CTGCCGTCCTGCTGCCCGACTCCTCTATTGTCTCAACATTCTGACAGTTGGATTGAG
 CATATTCAAATTTTGAATATTGTAGAAATGTTTTACCTCATATGAACACCTGACA
 TTGGAACAGACTTTCTTTTCAAGTGTTACCAAGACTGTGAAATTTATTCGATGACATG
 ATGTATGAATTAACCAGTCAAGCCAGAGGACTGTCAAGCCAAAATTTGGAAATCCAGACC
 ACTCTAAGGAATATTTTACAAACAATGGTGCAGCTCTTAGGAGCTCTCACAGGATGTGTT
 CAGCATATCTGTGCCACACAGGAATCCATCATTGAAAAATTCAGAGTCTCCCCCTCC
 TCAGTCCTTCATATAATTAAGACACATTTGTGCATTGTAAGAATAGTGAATCTGTGTAT
 TCTGGGTGTTTACACCTAGTTTCAGACCTTCTCCAGGCTCTTTTCAAGGAGGCTATTCT
 CTTCAAAGCAGTTAATGGAAGTCTGGACATGGTTTGCATGGACCTTTAGTAGATGAC
 AATGATGATATTTGAATATGGTAATAGTTATTCTTTTATTGGATATCTGCTCTGGT
 ATTTCCAGTATGGACCATGCATTTNCATGCCATACTTGNAAGTTATNATTAAGCAGAGC
 CTTTAGCACCAGTCCATTATAAAAGCCAGTTGAACCANAGANTAATTACTAGCTTGTGT
 GAAGACATTCTTTCTCCTTCCATTCTGC

3' Read Nucleotide
Sequence:

>OriGene 3' read for NM_018186 unedited
 TGTACCGCGGCCCGCATTCTANAGTCGAGTTTTTTTTTTTTTTTTTCACTTTACAAAT
 TTTGTTTTATATCTGTTAGAAAAGTACAGACATAAGTATTTTCAGTTGACAAAGCATCAA
 ACCCAGTTCTGCCTAGTGATAAGTTTCACCCTAGAGTATGTATGTAACGTTTTAGCTTAT
 CCATCCTTTCTTGAGCGCCTCCATTTCCATTGAAAGCCAGGCTGGAGCAGGACCTTTT
 GGAGTAGTGACTCAGTTGCTTCCAAAGCCCTGCTATTGTATGCAGCGCTGACCTGTACT
 CTTCTTCCCAGGGGAAGTCTGACGAGCTCTTTTGCATAAGGCTGTAAAGATGACCTCT
 TTGCTTCTTCTACAGTCACATTAGCAAAGGTTCCAGAAAATACCTTTTTCTGTTTCA
 CAGTTCCACTTTGGCAGCTTCAGTTTCATCTACAAACCCAGTCTTCTCCAGAAAGGATA
 CAACCTTTGTTCTTAGTTTCTTCAGAACTGAGACACTGTGGAATATCTCTCATGATTG
 TTCCCTCAGCGAACTGAGTAAACGCCTCCAAGGTATGTTGTTCTAGCAGCCAACTCCTGT
 CAGCTAGCAGTAAGGCAAACATACAGGACAGGTTGGGCAGAATTCTGTCTGGATAGCTT
 CACGTATAAAAAGTTTTCTAAAGAAGAACAAAATCCAACATTGCCAAACGAACATAGTC
 AGGAAGCTCTAATTTAAGTACCGAGGCTGCAAAGTTACTGCCCTGAGTATCAGTCTAGG
 ATCTAAAGTTGAATGACAAACCAACGTGGAAGTAAAAGGCTGATGCCTGTGACAAAAGG
 GTCGACTGCCCCGTTTAAATGTTAAAAGCCCAAGCTGCTCACACTTCGAAATTGACGTT
 GGTTCTGTTTCCAAT

Restriction Sites:

NotI-NotI

ACCN:

NM_018186

Insert Size:

3000 bp

OTI Disclaimer:	Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery. The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_018186.2 , NP_060656.2
RefSeq Size:	3363 bp
RefSeq ORF:	2562 bp
Locus ID:	55732
UniProt ID:	Q9NSG2
Cytogenetics:	1q24.2
Protein Families:	Druggable Genome