

Product datasheet for **SC113716**

C14orf130 (UBR7) (NM_018108) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C14orf130 (UBR7) (NM_018108) Human Untagged Clone
Tag:	Tag Free
Symbol:	C14orf130
Synonyms:	MGC9518, FLJ10483
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113716 sequence for NM_018108 edited (data generated by NextGen Sequencing)

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ATGATCCAGTGCGTAGTCTGTGAAGACTGGTTCATGGAAGGCATCTTGGTGCCATTCCC  
CCTGAGAGTGGGGATTTTCAGGAGATGGTATGCCAGGCCTGCATGAAACGTTGTTCTTTT  
TTGTGGGCTTATGCTGCACAATTGGCAGTAACCAAAATATCCACTGAGGATGATGGATTG  
GTGCGGAACATTGATGGAATAGGTGATCAGGAAGTTATCAAACCTGAAAATGGAGAGCAT  
CAAGATAGTACCCTCAAAGAGGATGTTCCAGAACAGGAAAGGATGATGTCCGGGAGGTT  
AAAGTAGAGCAGAACAGTGAACCATGTGCCGGCTCTAGTTCTGAATCTGATCTCCAGACA  
GTGTTTAAAGAATGAAAGCCTCAACGCAGAATCAAATCTGGCTGCAAACCTCAGGAGCTT  
AAAGCTAAGCAGCTTATAAAGAAAGACTGCCACCTATTGGCCCCTGAAGTGGCGTAGC  
AAGTTGTGTACCTGCCAAGACTGTATGAAAATGTATGGAGATCTAGATGTCTTATTCCTG  
ACAGATGAATACGACACAGTTCTGGCTTATGAAAACAAAGGGAAGATTGCCAGGCCACT  
GACAGGAGCGATCCCCTAATGGATACCCTTAGCAGCATGAATAGAGTCCAGCAAGTGAA  
CTCATTGTGAATACAATGATTTGAAGACTGAACTTAAAGACTATCTCAAGAGATTTGCT  
GATGAAGGCACGGTTGTTAAGAGAGAGGACATTCAGCAGTTCTTTGAAGAGTTTCAGTCA  
AAAAAGAGAAGAAGAGTGGATGGGATGCAGTATTACTGCAGCTAG
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Clone variation with respect to NM_018108.2



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_018108 unedited</p> <pre>GCATTTTGTAAATACGACTCACTATAGGGGCGGCCGCAATTCGCACGAGGCGCTGGGCGG CAGTCGGAGCTGGAGCCCGTGGTATCGTTGGTCGACGTCCTTGAGGAGGACGAGGAGCTG GAGAATGAGGCGTGCCTGTCTGGGCGGCAGCGACTCCGAGAAGTGCTCCTACTCTCAG GGCTCAGTAAAGAGACAAGCACTATATGCCTGTAGTACCTGCACCCAGAGGGAGAAGAA CCAGCAGGAATTTGTTTAGCTTGCAGTTATGAATGTCATGGAAGTCACAAACTATTTGAG CTATACACAAAAAGAAATTTTCGTTGTGATTGTGGAAACAGCAAGTTTAAAAATTTGGAA TGCAAATTACTTCTGACAAAGCAAAGGTAATTTCTGGCAATAAGTACAATGACAACCTTT TTTGGATTGTAAGTGCATTTGCAAGAGACCTTATCTGATCCTGAAGACGAGATTCAGAT GAGATGATCCAGTGCCTAGTCTGTGAAGACTGGTTCATGGAAGGCATCTTGGTGCCATT CCCCCTGAGAGTGGGATTTTCAGGAGATGGTATGCCAGGCTGCATGAAACGTTGTTCT TTTTTGTGGGCTTATGCTGCACAATTGGCAGTAACCAAAATATCCACTGAGGATGATGGA TTGGTGCGGAACATTGATGNGATANGTATCAGGAAGTTATCAAACCTGAAAATGGAGAG CATCAAGATAGTACCCTCAAGAGGATGTTCCAGACAGGGAAGGATGATGCCGGGAGGGT TAAGTANAGCAGACAGTACCATGTGCCGNCTCTAGTCTGAATCTGATCTCANACAGTGT TTAAGATGAAAGCCTCACGCAGATCAAATCTGCTGCAACT</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_018108 unedited</p> <pre>TTGAACCGCGGCACACTAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTATTTAGGATTG GTTTTATTTAAATTTTACAGAAACCTGATCAGAGTTAAGTATGTAATTATAAGTCCAGTA ACAATTTCTACAAAAATGCACATACAATGCCAGAACTCCTTAAAAGCAACTAATATCATA TTTGTGTTTTGCATAAAACATGCATTAATATGTTGGCCAAAATCAGTCTCTACAAGAAGA GACAGTCCAATACAGTCAATAAGAAAACAGTTGTGAACAACAGGTAAGAAAAGAGGTTT CCAGTTAATGTGAAAGAAGGAATAGTACCTTTCATAAAACAAGCCCTTCAGCGCTGAGTT AACTGATCGGTACTATTGTGCTGCACGTAATGTAACACATCACCTCCAAGACTTGGTCTCT GATTGGTCATAGGAAGTAAGGGACTTTCTGGTAGTTACATCAGATATTTGAGAAGATTA AAGTTTTCCGGACATGATGGTATACTAATAGTGAACCTTGCAAAAAGGGTTTCGAAACAT TGTCAGACTTGGAAAGAGTTCCCCAGCTTGATAAACAACCTCAAAGACACCCCGAGCCTTT GAACGGAGCCCTCTGCACAAGGCCAGCTCAAGGCTCACCAGCATGTCCTGTGGCCACAAG ACCTTCCAGCTCCACATACCACCCTTCGTGAGGATCTGCAATTANGAGCCTGAGTGCCGA AGAACATGGTTGTGCCATTTCTTTGAAGCCTTGACTTTTTATAAAGCCTAGTTCTCATCTCA TCCAGGGATTGGGCACTCGAATGATACACAGATGCTGGACACATNAGGAGTTTTATATTC ATGGTGGCCACAACCTGAAATGCTTTATTACATACATAAAGTGTGTCTTCGACTGTAAG AAAGACTTGCCCTCCAGAGCANAAAGATCTGAAGTTCTCTAGTATACAAGCATTCTACT AAACTGAGGGGTAAAGAATCATTTACCCGAAGGG</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_018108
Insert Size:	5700 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_018108.2](#), [NP_060578.2](#)

RefSeq Size: 3507 bp

RefSeq ORF: 825 bp

Locus ID: 55148

Cytogenetics: 14q32.12

Domains: zf-UBR1

Protein Families: Druggable Genome

Gene Summary: This gene encodes a UBR box-containing protein that belongs to the E3 ubiquitin ligase family. The protein also contains a plant homeodomain (PHD) in the C-terminus. In mammals, the encoded protein recognizes N-degrons, the destabilizing N-terminal residues of short-lived proteins, which results in ubiquitinylation, and proteolysis via the proteasome. [provided by RefSeq, Jul 2016]