

Product datasheet for **SC101331**

C14orf130 (UBR7) (NM_175748) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C14orf130 (UBR7) (NM_175748) Human Untagged Clone
Tag:	Tag Free
Symbol:	C14orf130
Synonyms:	C14orf130; LICAS
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_175748, the custom clone sequence may differ by one or more nucleotides

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ATGGCCGGAGCCGAGGGCGCCGCTGGGCGGCAGTCGGAGCTGGAGCCCGTGGTATCGTTGGTCGACGTCC
TTGAGGAGGACGAGGAGCTGGAGAATGAGGCGTGCGCTGTCTGGGCGGCAGCGACTCCGAGAAGTGCTC
CTACTCTCAGGGCTCAGTAAAGAGACAAGCACTATATGCCTGTAGTACCTGCACCCAGAGGGAGAAGAA
CCAGCAGGAATTTGTTTAGCTTGCAGTTATGAATGTCATGGAAGTCACAACTATTTGAGCTATACACAA
AAAGAAATTTTCGTTGTGATTGTGGAAACAGCAAGTTTAAAAATTTGGAATGCAAATTACTTCTGACAA
AGCAAAGGTAAATCTGGCAATAAGTACAATGACAACCTTTTTGGATTGTACTGCATTTGCAAGAGACCT
TATCCTGATCCTGAAGACGAGATTCCAGATGAGATGATCCAGTGGTAGTCTGTGAAGACTGGTTCCATG
GAAGGCATCTTGGTGCCATTCGCCCTGAGAGTGGGGATTTTCAGGAGATGGTATGCCAGGCCTGCATGAA
ACGTTGTTCTTTTTGTGGGCTTATGCTGCACAATTGGCAGTAACCAAAATATCCACTGAGGATGATGGA
TTGGTGCGGAACATTGATGGAATAGGTGATCAGGAAGTTATCAAACCTGAAAATGGAGAGCATCAAGATA
GTACCCTCAAAGAGGATGTTCCAGAACAGGAAAGGATGATGTCCGGGAGGTTAAAGTAGAGCAGAACAG
TGAACCATGTGCCGGCTCTAGTTCTGAATCTGATCTCCAGACAGTGTAAAGAAATGAAAGCCTCAACGCA
GAATCAAATCTGGCTGCAAACCTCAGGAGCTTAAAGCTAAGCAGCTTATAAAGAAAGACACTGCCACCT
ATTGGCCCCTGAACTGGCGTAGCAAGTTGTGTACCTGCCAAGACTGTATGAAAATGTATGGAGATCTAGA
TGTCTTATCTGACAGATGAATACGACACAGTTCTGGCTTATGAAAACAAAGGGAAGATTGCCAGGCC
ACTGACAGGAGCGATCCCCTAATGGATACCCTTAGCAGCATGAATAGAGTCCAGCAAGTGAACACTATT
GTGAATACAATGATTTGAAGACTGAACTTAAAGACTATCTCAAGAGATTTGCTGATGAAGGCACGGTTGT
TAAGAGAGAGGACATTCAGCAGTTCTTTGAAGAGTTTCAGTCAAAAAAGAGAAGAAGAGTGGATGGGATG
CAGTATTACTGCAGCTAG
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_175748 unedited AGCATTTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGTTCGGCTG ACAGTTGAGGATGGCCGGAGCCGAGGGCGCCGCTGGGCGGCAGTCGGAGCTGGAGCCCGT GGTATCGTTGGTCGACGTCCTTGAGGAGGACGAGGAGCTGGAGAATGAGGCGTGCCTGT CCTGGGCGGCAGCGACTCCGAGAAGTGCTCCTACTCTCAGGGCTCAGTAAAGAGACAAGC ACTATATGCCTGTAGTACCTGCACCCAGAGGGAGAAGAACCAGCAGGAATTTGTTTAGC TTGCAGTTATGAATGTCATGGAAGTCACAAACTATTTGAGCTATACACAAAAAGAAATTT TCGTTGTGATTGTGGAACAGCAAGTTTAAAAATTTGGAATGCAAATTACTTCTGACAA AGCAAAGGTAAATTCTGGCAATAAGTACAATGACAACCTTTTTTGGATTGACTGCATTTG CAAGAGACCTTATCCTGATCCTGAAGACGAGATTCCAGATGAGATGATCCAGTGCCTAGT CTGTGAAGACTGGTTCCATGGAAGGCATCTTGGTGCCATCCCCCTGAGAGTGGGGATT TCAGGAGATGGTATGCCAGGCCTGCATGAAACGTTGTTCTTTTTTGTGGGCTTATGCTGC ACAATTGGCAGTAACCAAATATCCACTGAGGATGATGGATTGGTGCGAACATTGATGG AATAGGTGATCAGGAAGTTATCAAACCTGANAATGGAGAGCATCAAGATAGTACCCTCAA GAGGATGTTCCAGAACAGGGAAAGGATGATGTCCCGGAGGTTTAAAGTANAGCANAAACAGT GAACCATGTGCCGNCTCTAGNTCTGAATCT
Restriction Sites:	NotI-NotI
ACCN:	NM_175748
Insert Size:	3900 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:	<ol style="list-style-type: none"> 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_175748.1 , NP_786924.1
RefSeq Size:	1576 bp
RefSeq ORF:	1278 bp
Locus ID:	55148
UniProt ID:	Q8N806
Cytogenetics:	14q32.12
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]

Transcript Variant: This variant (2) represents the longer transcript and encodes the supported protein.