

Product datasheet for SC316729

C14orf130 (UBR7) (NM_001100417) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C14orf130 (UBR7) (NM_001100417) Human Untagged Clone
Tag:	Tag Free
Symbol:	UBR7
Synonyms:	C14orf130; FLJ10483; MGC9518
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC316729 representing NM_001100417. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGGCGTGCCTGTCTGGGCGCAGCGACTCCGAGAAGTGCTCCTACTCTCAGAAAATTTTCGTTGT
GATTGTGGAAACAGCAAGTTTAAAAATTTGGAATGCAAATTACTTCTGACAAAGCAAAGGTAATTTCT
GGCAATAAGTACAATGACAACTTTTTGGATTGTACTGCATTTGCAAGAGACCTTATCCTGATCCTGAA
GACGAGATTCCAGATGAGATGATCCAGTGCCTAGTCTGTGAAGACTGGTCCATGGAAGGCATCTTGGT
GCCATTCCCCTGAGAGTGGGGATTTTCAGGAGATGGTATGCCAGGCCTGCATGAAACGTTGTTCTTTT
TTGTGGGCTTATGCTGCACAATTGGCAGTAACCAAAATATCCACTGAGGATGATGGATTGGTGCAGAAC
ATTGATGGAATAGGTGATCAGGAAGTTATCAAACCTGAAAATGGAGAGCATCAAGATAGTACCCTCAA
GAGGATGTTCCAGAACAGGAAAGGATGATGTCGGGAGGTTAAAGTAGAGCAGAACAGTGAACCATGT
GCCGGCTCTAGTTCTGAATCTGATCTCCAGACAGTGTAAAGAATGAAAGCCTCAACGCAGAAATCAAAA
TCTGGCTGCAAATTCAGGAGCTTAAAGCTAAGCAGCTTATAAAGAAAGACACTGCCACCTATTGGCCC
CTGAACTGGCGTAGCAAGTTGTGTACCTGCCAAGACTGTATGAAAATGTATGGAGATCTAGATGTCTTA
TTCCTGACAGATGAATACGACACAGTTCGGCTTATGAAAACAAAGGGAAGATTGCCAGGCCACTGAC
AGGAGCGATCCCCTAATGGATACCCTTAGCAGCATGAATAGAGTCCAGCAAGTGGAACTCATTGTGAA
TACAATGATTTGAAGACTGAACCTAAAGACTATCTCAAGAGATTTGCTGATGAAGGCACGGTTGTTAAG
AGAGAGGACATTCAGCAGTTCCTTGAAGAGTTTCAGTCAAAAAAGAGAAGAAGAGTGGATGGGATGCAG
TATTACTGCAGCTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI

Plasmid Map: □



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ACCN:	NM_001100417
Insert Size:	1050 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_001100417.1</u>
RefSeq Size:	3575 bp
RefSeq ORF:	1050 bp
Locus ID:	55148
Cytogenetics:	14q32.12
Protein Families:	Druggable Genome
MW:	40 kDa
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 ubiquitylation, and proteolysis via the proteasome. [provided by RefSeq, Jul 2016]