

## Product datasheet for **SC117129**

### DRIP130 (MED23) (NM\_004830) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	DRIP130 (MED23) (NM_004830) Human Untagged Clone
Tag:	Tag Free
Symbol:	MED23
Synonyms:	ARC130; CRSP3; CRSP130; CRSP133; DRIP130; MRT18; SUR-2; SUR2
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_004830, the custom clone sequence may differ by one or more nucleotides

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ATGGAGACGCAACTGCAGAGCATTTCGAAGAGGTGGTAAAACGGAAGTTATAGAAGAGGCTTTTCCTG
GCATGTTTATGGATACTCCTGAAGATGAGAAAACAAAATAATTAGCTGTTGGGGCCCTCAGACAGTT
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CATAGTCTAAAAGAATTTCTTTCTTTATGACTGCTTAGCAATGGCAGTTGAGACTGGTCTCCTCCAC
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CCAGCCCTAGTGGAACTTACAGTCGTTTATTGGTCTATATGAAATAGAGTCTTTGGGCATCAAAGGAT  
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TTCATCACACACATTAGCAAGATGGAGCCAGCTGCAGTGCCTCCACAAGCCATGAACAGTGGGTCTCCAG  
CACCTCAGTCTAATCAGGTGCCGTGTCTTTACCAGTAACTCAGTGA

<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_004830 unedited</p> <pre>TTTAAATTTGTATACGACTCCTATAGGCGGCCGCGNAATTCGCACGAGGCTCGAGTCTGA TCCGGGCTTGGCCGGCACCCCTGGAAGGCGGGGTGATAGTACAGATGGAGACGCAACTG CAGAGCATTTCGAAGAGGTGGTAAAACGGAAGTTATAGAAGAGGCTTTTCTGGCATG CAGTTTTGGGGTGGTCTTTCTCAGGAGTCTCATGAACAGTGTATCCAGTGGATTGTTAAG TTTATTCATGGTCAGCATAGTCCTAAAAGAATTTCTTTTCTTATGACTGCTTAGCAATG GCAGTTGAGACTGGTCTCCTTCCACCCAGGCTGGTTTGTGAATCCCTGATAAACTCTGAC ACTCTTGAGTGGGAAAGAACACAGCTTTGGGCCTTAACATTTAAACTGGTTCGGAATAA ATTGGGGAGTGGATTACAAGGGTGTTCGAGATCTCTAAAAGTATTTGGAGAAGATT TTGACAATTCCTAATACAGTGAAGTCTGCTGTTGTACAGCAGCTTCTGGCAGCAAGAGAG GTTATAGCATATCTTGGAAAGAAATGCCTGCTTATTACCAGCCTATTTTGCAGTCAC TGAGATCAGGANACTGTATCCTGAAGGCAAACCTTCACACTGGTACTTGGCAACCTAGT ATCAGACTTTGTGGATACCTCCAGCCACAGCAAGGATAAACTCCATTTGTGGTCGCTGT AGCCTTCTGCCAGTTGTAATATTCCGGTGGCATTGTGAATCATGAAACTGGACCTGCT ACTCCTCGTTTTCTTTGAAAGGCTTTGCCATAGAAAAGATCTGTTGGACCCCAACTGC TTTTGTGAAAATGTAT</pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_004830 unedited</p> <pre>AATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTCATTTCAGCAGACTTTACTCATTAGTTTT CAAGTCTTTCGCAATGCCAATTCCTCCAAAATTAACAATGTCTCTCAAAATCCAAGAAAT AAAATGTGACTGTATTTACAAATATAAAATTTAAAAATTTAAGATTATAAAAATTGAA GAATTACATCATCTGTCAAGTGAGAGTGTCAACCTGCAAAAGCAATTAACCTATTTTTAA AAAAGAAATTTGAGAATCAACCTTTAAGCATGATTTTAAAGTTCAAGAATTTTCAGATG TTATTTTCTTACATGGCTTCCAATAATTTTATACAGTAAAGTTCAAGTCCATAGCAAAGG TAATAAACTGCCAGTTGACCTTGATAGAACTATGGAATTTATAATAAAATTTCAAGT CATTTTAAAAAGAATATGAAGCCTTGTGCTCCTACAATGCAACAAAATCTAGATTCTCT TTTCTTGATATAAATCTCTATTATTCTGAAAATCTACCAAGAGATTTATGTATAAAATAT TTGTAATAACTGTTTTACATGTGTGGTGCCTTTAAAATAATATATCTGAAGACTAAATAT GTCATTAATAATAAAAAATACAAACAAAACACGGCTAGAATAGGAAAGACTGAAAGTG CCNAATGACAGTCATTTGATCACAGATACCTCTATGTTCTTACATAGCTCTAATAGTTGT TATGAATATGAACACATGTATCTTACTTGATCTCTAGAGACAAAATAGATAGGAGATGG GAGTTATAAGGTTCAACAGTTTCTCATTGATCAAAAATAAACATCTGATATCATCACTGC TCTACTTATCACTACANGTGATCGCATCAGATTAAGGTTGAGTCCATTTCAAACGAA TTTTTTATTCTCCAATACAGCTGCTTACTGNTACTGGAAGACCGGCACTGATTACTGAGG CTGAACCTGTCTGCTTGGAGCCTGACTGCTCATTGCTAGTGGGAGACA</pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_004830
<b>Insert Size:</b>	5150 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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\\_004830.2](#), [NP\\_004821.2](#)

**RefSeq Size:** 5240 bp

**RefSeq ORF:** 4107 bp

**Locus ID:** 9439

**UniProt ID:** [Q9ULK4](#)

**Cytogenetics:** 6q23.2

**Protein Families:** Druggable Genome, Transcription Factors

**Gene Summary:** The activation of gene transcription is a multistep process that is triggered by factors that recognize transcriptional enhancer sites in DNA. These factors work with co-activators to direct transcriptional initiation by the RNA polymerase II apparatus. The protein encoded by this gene is a subunit of the CRSP (cofactor required for SP1 activation) complex, which, along with TFIID, is required for efficient activation by SP1. This protein is also a component of other multisubunit complexes e.g. thyroid hormone receptor-(TR-) associated proteins which interact with TR and facilitate TR function on DNA templates in conjunction with initiation factors and cofactors. This protein also acts as a metastasis suppressor. Several alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Jul 2012]  
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).