OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC309598

DRIP130 (MED23) (NM_015979) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DRIP130 (MED23) (NM_015979) Human Untagged Clone
Tag:	Tag Free
Symbol:	DRIP130
Synonyms:	ARC130; CRSP3; CRSP130; CRSP133; DRIP130; MRT18; SUR-2; SUR2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC309598 representing NM_015979. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGACGCAACTGCAGAGCATTTTCGAAGAGGTGGTGAAAACGGAAGTTATAGAAGAGGCTTTTCCT
GGCATGTTTATGGATACTCCTGAAGATGAGAAAACAAAACTAATTAGCTGTTTGGGGGCCTTCAGACAG
TTTTGGGGTGGTCTTTCTCAGGAGTCTCATGAACAGTGTATCCAGTGGATTGTTAAGTTTATTCATGGT
CAGCATAGTCCTAAAAGAATTTCTTTTCTTTATGACTGCTTAGCAATGGCAGTTGAGACTGGTCTCCTT
CCACCCAGGCTGGTTTGTGAATCCCTGATAAACTCTGACACTCTTGAGTGGGAAAGAACACAGCTTTGG
GCCTTAACATTTAAACTGGTTCGGAAAATAATTGGGGGAGTGGATTACAAGGGTGTTCGAGATCTCTTA
AAAGTGATTTTGGAGAAGATTTTGACAATTCCTAATACAGTGAGCTCTGCTGTTGTACAGCAGCTTCTG
GCAGCAAGAGAGGTTATAGCATATATCTTGGAAAGAAATGCCTGCTTATTACCAGCCTATTTTGCAGTC
ACTGAGATCAGGAAACTGTATCCTGAAGGCAAACTTCCACACTGGTTACTTGGAAACCTAGTATCAGAC
TTTGTGGATACCTTCAGGCCCACAGCAAGGATAAACTCCATTTGTGGTCGCTGTAGTCTTCTGCCAGTT
GTAAATAATTCGGGTGCCATTTGTAATTCATGGAAACTGGATCCTGCTACTCTTCGTTTTCCTTTGAAA
GGCCTTTTGCCATATGATAAGGATCTGTTTGAACCACAGACTGCTTTGTTGAGATATGTATTGGAGCAG
CCTTATTCCAGGGATATGGTCTGCAATATGCTAGGTTTAAATAAGCAGACCTTGAACATTGCTCAGCAC
AAGCAGCGCTGCCCTGTGCTGGAGGACCAGTTGGTGGATCTGGTTGTTTATGCCATGGAGCGATCTGAG
ACCGAGGAGAAGTTTGACGATGGGGGAACAAGCCAACTCCTGTGGCAGCATCTCTCAAGTCAGCTCATT
TTCTTTGTGCTTTTCCAGTTTGCAAGTTTTCCACATATGGTGCTTTCTCTTCATCAGAAGTTAGCAGGG
CGAGGACTGATTAAAGGCAGAGATCATCTTATGTGGGTTCTCCTGCAATTCATTTCTGGAAGTATTCAG
AAAAATGCACTAGCTGATTTTCTCCCTGTGATGAAGCTCTTCGACTTGCTATACCCAGAAAAAGAATAT
ATCCCAGTTCCTGATATTAACAAACCCCAGTCAACCCATGCCTTTGCAATGACCTGTATTTGGATTCAT
CTCAATAGAAAAGCTCAAAATGACAACTCCAAGCTACAGATTCCAATACCTCATTCCCTAAGACTTCAC
CATGAGTTCCTGCAGCAGAGTCTAAGAAATAAAAGTTTACAGATGAATGACTATAAGATTGCTCTATTG
TGTAATGCATACTCTACAAATTCAGAATGTTTTACATTACCCATGGGAGCTCTGGTAGAAACTATTTAT

View online »

GGAAATGGAATTATGAGGATACCTCTCCCTGGAACAAACTGTATGGCTTCAGGATCTATTACCCCCTTA
CCTATGAACCTCCTGGATTCACTGACAGTTCATGCCAAAATGAGCCTTATTCACAGCATTGCAACCAGG
GTGATAAAACTTGCTCATGCAAAGTCCAGTGTGGCCTTGGCTCCAGCCCTAGTGGAAACTTACAGTCGT
TTATTGGTCTATATGGAAATAGAGTCTTTGGGCATCAAAGGATTTATCAGTCAGCTTTTGCCAACTGTT
TTCAAATCACATGCATGGGGGATCTTACACACACTCCTTGAGATGTTTAGCTACCGGATGCATCATATT
CAGCCTCATTACAGAGTTCAGCTCCTGAGTCATCTTCATACTTTGGCTGCAGTTGCACAAACAAACCAG
AACCAGCTCCATCTTTGTGTCGAGAGCACTGCTCTCAGGCTTATAACAGCATTAGGTAGCTCAGAGGTA
CAACCGCAGTTTACACGCTTCCTTAGTGATCCCAAAACAGTGCTCTCAGCAGAATCTGAAGAACTGAAC
CGAGCCTTGATATTGACCTTGGCTAGAGCAACTCATGTAACAGATTTTTTTACAGGCTCTGATTCAATT
CAGGGAACTTGGTGTAAAGACATACTTCAGACCATCATGAGTTTCACTCCTCATAATTGGGCTTCACAC
ACCCTGAGCTGTTTTCCAGGCCCACTACAGGCATTCTTCAAACAAAATAATGTGCCTCAGGAAAGCCGT
TTTAATCTGAAAAAAAATGTGGAGGAGGAGTATAGGAAGTGGAAGTCAATGAGCAACGAAAACGACATT
ATTACCCACTTCTCTATGCAGGGCTCCCCTCCTCTCTTTCTTTGTCTTCTCTGGAAAATGCTCTTGGAA
ACAGATCATATTAATCAGATTGGCTATAGAGTATTAGAGAGAATTGGAGCCAGGGCCTTGGTAGCCCAT
GTGAGGACATTTGCAGATTTCCTGGTATATGAGTTTTCTACATCAGCAGGGGGTCAGCAACTCAATAAA
TGCATTGAAATTCTTAATGACATGGTATGGAAGTATAACATTGTTACACTGGACAGATTAATTCTCTGC
CTGGCCATGCGTAGTCACGAAGGAAATGAAGCCCAGGTTTGTTATTTCATAATTCAGTTGCTGTTACTC
AAACCAAACGATTTTAGAAATCGAGTAAGTGACTTTGTGAAGGAAAATTCCCCAGAGCACTGGTTACAG
AATGACTGGCACACCAAGCACATGAATTATCACAAGAAATATCCAGAGAAGTTGTATTTTGAGGGCCTC
GCGGAACAGGTGGATCCTCCTGTACAGATCCAGTCTCCCTATCTGCCCATCTATTTTGGGAATGTGTGT
CTTCGATTCCTTCCAGTATTTGATATAGTAATCCACAGATTTTTAGAGTTGCTTCCGGTATCCAAATCA
CTGGAGACTCTACTGGATCATCTAGGAGGCTTATATAAATTTCATGATCGTCCAGTGACTTATCTGTAT
AACACTCTGCACTATTATGAAATGCACCTGAGAGACCGCGCATTTCTCAAACGAAAACTCGTCCATGCG
ATCATTGGCTCTCTGAAGGATAATCGACCGCAGGGCTGGTGTCTAAGTGACACTTACCTGAAATGCGCT
ATGAATGCACGAGAGGAAAATCCTTGGGTTCCAGATGACACCTACTATTGCAGATTGATTGGCAGACTA
GTCGATACGATGGCTGGCAAATCTCCTGGTCCCTTTCCAAACTGTGACTGGAGATTCAATGAGTTTCCC
AACCCAGCTGCCCATGCTCTCCATGTTACTTGTGTGGAGCTCATGGCCTTGGCAGTTTCAGGCAAAGAA
GTTGGGAATGCCCTTCTAAATGTTGTCCTAAAAAGTCAGCCTTTAGTGCCAAGAGAGAACATTACAGCA
TGGATGAATGCAATTGGTTTGATCATCACTGCCCTACCAGAGCCATATTGGATTGTTCTTCATGATCGA
ATTGTGAGTGTCATCAGCAGCCCCAGCTTGACGTCTGAAACAGAGTGGGTTGGCTATCCATTCCGCCTC
TTTGATTTCACTGCCTGTCATCAGTCCTACTCTGAGATGAGTTGTAGCTATACGTTAGCTCTTGCACAT
GCTGTGTGGCACCATTCTAGCATCGGACAACTTTCTCTCATTCCAAAGTTTCTTACTGAAGTACTTCTT
CCTATAGTGAAGACCGAATTCCAGTTGCTTTATGTATACCATCTTGTTGGACCATTTTTACAAAGATTT
CAGCAAGAGAGAACTCGTTGTATGATAGAGATTGGTGTGGCGTTTTATGACATGCTGCTGAATGTTGAC
CAGTGTAGCACCCATTTAAATTACATGGATCCCATCTGTGACTTCCTCTATCACATGAAGTATATGTTT
ACTGGTGACAGCGTGAAAGAGCAAGTAGAGAAGATTATCTGTAACTTAAAACCAGCTTTAAAACTTCGT
CTTCGATTCATCACACACATTAGCAAGATGGAGCCAGCTGCAGTGCCTCCACAAGCCATGAACAGTGGG
TCTCCAGCACCTCAGTCTAATCAGTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI

ACCN: NM_015979

Insert Size: 4098 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:	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_015979.3
RefSeq Size:	4630 bp
RefSeq ORF:	4098 bp
Locus ID:	9439
UniProt ID:	Q9ULK4
Cytogenetics:	6q23.2
Protein Families:	Druggable Genome, Transcription Factors
MW:	156.2 kDa
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 (2) contains an alternate in-frame exon and uses an alternate splice junction in the 3' end compared to variant 1. The resulting isoform (b) contains an alternate short internal segment and is shorter at the C-terminus compared to isoform a.