

## Product datasheet for SC322895

### MED18 (NM\_001127350) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	MED18 (NM_001127350) Human Untagged Clone
Tag:	Tag Free
Symbol:	MED18
Synonyms:	p28b; SRB5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC322895 representing NM_001127350. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG  
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC  
 ATGGAGGCACCTCCAGTCACCATGATGCCTGTCACTGGGGCACCATTAAACATGATGGAGTACCTGTTG  
 CAGGGAAGTGTTTAGATCACAGTTTGGAAAGCCTCATCCACCGCCTTCGTGTTTGTGTGACAACATG  
 GAACCTGAGACTTTCCTTGACCATGAGATGGTATTCTCCTTAAGGGCCAGCAAGCCAGCCCATTTGTT  
 CTCAGGGCCCGACGCTCTATGGACAGGGCAGGGGCACCCTGGCATCTGCGCTACCTGGGACAGCCAGAA  
 ATGGGAGACAAGAACCGCCATGCCCTGGTGCGAAACTGCGTGGACATTGCCACATCTGAGAACCTCACC  
 GACTTCTTGATGGAATGGGCTTCCGCATGGACCATGAGTTTGTGCTAAGGGACATTTGTTCCGTAAG  
 GGCATCATGAAGATTATGGTGTACAAGATTTCCGCATCCTGGTGCCAGGGAACACAGACAGCACTGAG  
 GCCTTGCTCACTCTCTATCTCGTGGAATTAAGTGTGGTAGCACCCGCTGGGCAGGACATGGTCTCTGAT  
 GACATGAAGAAGTTCGCAGAACGCTAAACCTCTGGTTACCTAGAGAAAATAGACCCCAAGAGGCTC  
 ATGTGA  
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT  
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001127350
Insert Size:	627 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).


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<b>OTI Annotation:</b>	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.
<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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<a href="#">NM_001127350.1</a>
<b>RefSeq Size:</b>	1813 bp
<b>RefSeq ORF:</b>	627 bp
<b>Locus ID:</b>	54797
<b>UniProt ID:</b>	<a href="#">Q9BUE0</a>
<b>Cytogenetics:</b>	1p35.3
<b>MW:</b>	23.7 kDa
<b>Gene Summary:</b>	<p>MED18 is a component of the Mediator complex, which is a coactivator for DNA-binding factors that activate transcription via RNA polymerase II (Sato et al., 2003 [PubMed 12584197]).[supplied by OMIM, Oct 2008]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 both encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments.</p>