

Product datasheet for **SC122332**

MED18 (BC002694) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	MED18
Synonyms:	FLJ20045; mediator complex subunit 18; mediator of RNA polymerase II transcription, subunit 18 homolog; OTTHUMP00000003645; p28b; TRAP/mediator complex subunit p28b
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for BC002694 edited
 CCGATCTGGGGCTTCCCGGCTCGGGTAACCGAGTGCTGGTATCTAATCGTCGCTCAA
 AAGCTCCTAGGTGCGCGGGTGGATATAATCCCGGCTTCTCGAGAAGACACTACAGCCTC
 AAGGAGGTATATCCCGTGCCTTACCTGACTGGGGGCTCTGAGTCCAGTTGTGTGCTTC
 AACTTAGACACCATGGAGGCACCTCCAGTACCATGATGCCTGTCACTGGGGGCACCAT
 AACATGATGGAGTACCTGTTGCAGGGAAGTGTCTTAGATCACAGTTTGAAAGCCTCATC
 CACCGCCTTCGTGGTTTGTGTGACAACATGGAACCTGAGACTTTCCTTGACCATGAGATG
 GTATTCTCCTTAAGGGCCAGCAAGCCAGCCATTGTCTCAGGGCCCGACGCTCTATG
 GACAGGGCAGGGGCACCTGGCATCTGCGCTACCTGGGACAGCCAGAAATGGGAGACAAG
 AACCGCCATGCCCTGGTGCGAAACTGCGTGGACATTGCCACATCTGAGAACCTCACCGAC
 TTCTTGATGGAATGGGCTTCCGCATGGACCATGAGTTTGTGCTAAGGGACATTGTTC
 CGTAAGGGCATCATGAAGATTATGGTGTACAAGATTTCCGCATCCTGGTGCCAGGGAAC
 ACAGACAGCACTGAGGCCTTGCTACTCTCTATCTCGTGAATTAAGTGTGGTAGCACCC
 GCTGGGCAGGACATGGTCTCTGATGACATGAAGAACTTCGCAGAACAGCTAAAACCTCTG
 GTTACCTAGAGAAAATAGACCCCAAGAGGCTCATGTGACTAAGAGGATCTGTCCACATT
 TGGGGCCTATCCTTACTTGTGTTGAAAAATATGTTTGCTTTTTTGGTTTTTGTGTTT
 TTGTTTTTGAGACGGAGTCTCGCTTGGCACTCCAGCCTGGGTGAGAAGAGCGAAACTCCG
 TCTCAAAAAAATAAAATGAAGAGGGGAAACCAGATAAATTATCTTTTGAAAGGAC
 AATTTCTGTTTGGCCATTTGTGTATAAGGTTGGTAACATTAGAGGCTGTGAGCTTGTGT
 TACATGGTAATAAAGCCAATGAAGAGACAAAAAAAAAAAAAAAAAAAA



5' Read Nucleotide Sequence:	>OriGene 5' read for BC002694 unedited <pre> GGACATACTCGGTAATTTGTAATACGACCCACTATTAGTGGCGGCCGCGCAATTCGGCA CGAGGCCGATCTGGGGGCTTCCCGGGCTCGGGTAACCGGAGTGCTGGTATCTAATCGTCG CTCAAAAGCTCCTAGGTGCGCGGGTGGATATAATCCCGGCTTCTCGAGAAGACACTACA GCCTCAAGGAGGTATATCCCGTGCCTTACCTGACTGGGGGCTCTGAGTCCAGTTGTGTTG TCTTCAACTTAGACACCATGGAGGCACCTCCAGTCACCATGATGCCTGTCACTGGGGGCA CCATTAACATGATGGAGTACCTGTTGCAGGGAAGTGTTTAGATCACAGTTTGAAAAGCC TCATCCACCGCCTTCGTGGTTTGTGTGACAACATGGAACCTGAGACTTTCCTTGACCATG AGATGGTATTCTCCTTAAGGGCCAGCAAGCCAGCCCATTTGTTCTCAGGGCCCGACGCT CTATGGACAGGGCAGGGGCACCTGGCATCTGCGCTACCTGGGACAGCCAGAAATGGGAG ACAAGAACC GCCATGCCCTGGTGCGAAACTGCGTGGACATTGCCACATCTGAGAACCTCA CCGACTTCTTGATGGAATGGGCTTCCGCATGGACCATGAGTTTGTGCTAAGGGACATT TGTTCCGTAAGGGCATCATGAAGATTATGGTGTACAAGATTTCCGCATCCTGGTGCCAG GGAACACAGACAGCACTGAGGCCTTGTCACTCTCCTATCTCGTGGAATTAAGTGTGTAG CCCCCGCTGGGCANGACATGGTCTCTGATGACATGAAGAACTTCGAGAACAGCTAAAC CTCTGGNTCACCTANAGAAAATAGACCCAGGAGCTCATGTGACTAAGAAGATCTGTCCA CATTGGGGCCTATTCT </pre>
Restriction Sites:	Please inquire
ACCN:	BC002694
Insert Size:	1135 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC002694.2 , AAH02694.1
RefSeq Size:	1126 bp
Locus ID:	54797
Cytogenetics:	1p35.3

Gene Summary:

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]