

Product datasheet for **SC110380**

MED28 (NM_025205) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MED28 (NM_025205) Human Untagged Clone
Tag:	Tag Free
Symbol:	MED28
Synonyms:	1500003D12Rik; EG1; magicin
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_025205, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGCTCCACTAGGGGGTATGTTTTCTGGGCAGCCACCCGGTCCCCCTCAGGCCCCGCCGGCCTTC
CGGGCCAAGCTTCGCTTCTTCAGGCAGCTCCAGGCGCTCCTAGACCTTCCAGCAGTACTTTGGTGGACGA
GTTGGAGTCATCTTTCGAGGCTTGCTTTGCATCTCTGGTGAGTCAGGACTATGTCAATGGCACCGATCAG
GAAGAAATTCGAACCGGTGTTGATCAGTGTATCCAGAAGTTTCTGGATATTGCAAGACAGACAGAATGTT
TTTTCTTACAAAAAGATTGCAGTTATCTGTCCAGAAACCAGAGCAAGTTATCAAAGAGGATGTGTCAGA
ACTAAGGAATGAATTACAGCGGAAAGATGCACTAGTCCAGAAGCACTTGACAAAGCTGAGGCATTGGCAG
CAGGTGCTGGAGGACATCAACGTGCAGCACAAAAGCCCGCCGACATCCCTCAGGGCTCCTTGGCCTACC
TGGAGCAGGCATCTGCCAACATCCCTGCACCTCTGAAGCCAACGTGA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_025205 unedited CATTTCAGAAATGTAAACGACTCATATAGGCGGCCGCAATCGGCACGAGCAAACATGGCG GCTCCACTAGGGGGTATGTTTTCTGGGCAGCCACCCGGTCCCCCTCAGGCCCCGCGGGC CTTCCGGGCAAGCTTCGCTTCTCAGGCAGCTCCAGGCGCTCCTAGACCTTCCAGCAGT ACTTTGGTGGACGAGTTGGAGTCATCTTTCGAGGCTTGCCTTGCATCTCTGGTGAGTCAG GACTATGTCAATGGCACCAGATCAGGAAGAAATTCGAACCGGTGTGATCAGTGTATCCAG AAGTTTTCTGGATATTGCAAGACAGACAAGATGTTTTTTTACAAAAAAGAGTGCAGTTA TCTGTCCAGAAACCAGAGCAAGTTATCAAAGAGGATGTGTCAGAACTAAGGAATGAATTA CAGCGGAAAGATGCACTAGTCCAGAAGCACTTGACACAGCTGAGGCATTGGCAGCAGGTG CTGGAGGACATCAACGTGCAGCACAAAAAGCCGCCGACATCCCTCAGGGCTCCTTGCC TACCTGGAGCAGGCATCTGCCAACATCCCTGCACCTCTGAAGCCAACGTGAGCAAAGGGC ACAAGCAGTTGGCCTATGACTGGGCTGATGCCTGAGGTTTGCCCCACATTCCTTTCTGGG GACATGCCTTTTGGCAGGACTCTTGGCAGAAAATGGAGTCATTTTAGGTTTAGGCCCC ATGGGAAAATTTCCCTTTTTTAAAAGCGGTAATTTTTTGGGGCCCTTAACCAAGTC TTGACCTTGAAAACCCACAAAAGATTTTTTTTTTGGGTTTTACCGAATTTAACTGGG AAATTAACCCCAAACTTTTTTAGGGGGCCTTGCTTG</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_025205 unedited NTTTTTGCTCTGGAACCGCGCCGCAATCTAGNGTCGAGTTTTTTTTTTTTTTTTTTTGGC AAAAAACTTCTGAATTAATAAAGAAAGGCAACAACCTGGTACGTACAGTAATTCAAAAT CTTTTCACTAAGCACAAATAGGATAGTTCTCAATCTTCTCAAGAACCTTTTGAAGAA CGCCTAAAACCTAATCAGTTTATTTAGGTTTTTAGTCAAGAAAATACAAAGCTGCCAATCA GAGTTTCTAATTACCATGAGTGACCAGGTTAGCAACCTTGAGGTCATACCACATGAGCTT TTAAAAGCTTTGTTAACTATACGTTGTAAGTGAAGGGGATTTGTTGATGTCAGGCTGGT AATCAGAGATCCATGTGCCAGATACCATATACACACACCAAAAAGATACAGATTATATGG TCCTTATATATTTAAGGAGAATAATGTCTAATTCTCATGGGTGTAGAATTAGTGAGGGGC AGAGAGACAGATACAAAGCACTAACCCACCAGGGAGAACCTAGCGAGGGCAACAGAAAGAG ATCAAAGTCTGTGCCCTGGGGATGCAACTGAATGGGTGCTGGGAGGCTCAGGGATCAG GCACATGAGTGGATGTGAGTCCATGTGGGAAGGGGCCCTCAAGGCTGAAGACAACAAAAT GAGTCAAGGCACAAAGCCACAGGAGTACTGCCAATCAGAAGACAGTGAAGCATTTGTTCT GGGTAAGGGATGTGATCTAATAAGATATAAAAACCTCAGAAAACCTTACCNCATGAGAGCC AGAAATCTCCATTTCTTAACAGCAACTCAACAGGAAATCTGAGCTGCCACAAAACCTAA CGAGAGCAAAAATACCCCTNCCAAGGCAGGGCACACATNGCTCTTTGTGGAGGCTCAGTA GCCAATGATCACCTGCAGCCCCNCCCNACCCACACGAAAACCTAGTCCCTGG</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_025205
Insert Size:	2350 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:	<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:	NM_025205.3 , NP_079481.2
RefSeq Size:	1363 bp
RefSeq ORF:	537 bp
Locus ID:	80306
UniProt ID:	Q9H204
Cytogenetics:	4p15.32
Protein Families:	Transcription Factors
Gene Summary:	Component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors. May be part of a complex containing NF2/merlin that participates in cellular signaling to the actin cytoskeleton downstream of tyrosine kinase signaling pathways.[UniProtKB/Swiss-Prot Function]