

Product datasheet for **SC114523**

MED31 (NM_016060) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MED31 (NM_016060) Human Untagged Clone
Tag:	Tag Free
Symbol:	MED31
Synonyms:	3110004H13Rik; CGI-125; Soh1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_016060 edited ATGGCCGCTGCTGCTATGGAGACAGATGATGCTGGAAATCGACTTCGGTTTCAGTTG GAGTTGGAATTTGTGCAATGTTTAGCCAACCCAAATTACCTTAATTTTCTTGCCCAAAGA GGTTACTTCAAAGACAAAGCTTTTGTAAATTATCTTAAATACTTGCTTTACTGGAAAGAC CCAGAATATGCCAAGTATCTAAAGTACCCTCAGTGTTCACACATGTTAGAGCTGCTCCAA TATGAACACTTCCGAAAGGAGCTGGTGAATGCTCAGTGTGCGAAATTTATTGATGAACAG CAGATTCTACATTGGCAGCACTATTCGGAAGCGGATGCGCCTTCAGCAAGCCTTGCCA GAGCAGCAACAGCAAAATAACACATCGGGAAAATGA
5' Read Nucleotide Sequence:	>OriGene 5' read for NM_016060 unedited CACGAGGGTGGCGTTTTGGTGTCTTCGTTTGTATGGCCGCTGCTGCTATGGAGACA GATGATGCTGGAAATCGACTTCGGTTTCAGTTGGAGTTGGAATTTGTGCAATGTTTAGCC AACCCAAATTACCTTAATTTTCTTGCCCAAAGAGGTTACTTCAAAGACAAAGCTTTTGT AATTATCTTAAATACTTGCTTTACTGGAAAGACCCAGAATATGCCAAGTATCTAAAGTAC CCTCAGTGTTCACACATGTTAGAGCTGCTCCAATATGAACACTTCCGAAAGGAGCTGGT AATGCTCAGTGTGCGAAATTTATTGATGAACAGCAGATTCTACATTGGCAGCACTATTCC CGGAAGCGGATGCGCCTTCAGCAAGCCTTGGCAGAGCAGCAACAGCAAAATAACACATCG GGAAAATGAAAACTGGATACAAACGAGGCACTTAATACATGTATATAATGTATTTCTTT TGTACAGTGAAGACAAAAAATGAAAACTCTTCTATCTACCTTTATTATGGTAGCCCC TAGAACCTTTAGTGTGCTTTTTCATCCAACCTTTTATTGTTAATAGACTATTTCTGTTAA ACCTGAATTGTTCTTTGAAAAAATGAAAACTCGACTCTAGATTGCGGCCCG GGTCATAGCTGTTTCTGAACAGATCCCGGGTGGCATCCCTGTGACCCCTCCCAAG



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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_016060 unedited <pre> TTTGGACGCGCCGAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTCAAAGAACAA TTCAGGTTTAACAGAAATAGTCTATTAACAATAAAAGTTGGATGAAAAAGCACACTAA GGTTCTAGGGGCTACCATAATAAGGTAGATAGGAAAAGTTTTCATTTTTTTGTCTTCA CTGTACAAAAGAAATACATTATATACATGTATTAAGTGCCTCGTTTGTATCCAGTTTTTC ATTTTCCCGATGTGTTATTTTGTGTTGCTGCTGCTGCCAAGGCTTGCTGAAGGCGCATCC GCTTCCGGGAATAGTGCTGCCAATGTAATCTGCTGTTTCATCAATAAATTCGCACACT GAGCATTACACAGCTCCTTTTCGGAAGTGTTCATATTGGAGCAGCTCTAACATGTGTAAAC ACTGAGGGTACTTTAGATACTTGGCATATTCTGGGTCTTTCCAGTAAAGCAAGTATTTAA GATAATTAACAAAAGCTTTGTCTTTGAAGTAACCTCTTTGGGCAAGAAAATTAAGGTAAT TTGGGTTGGCTAAACATTGCACAAATCCAACCTCAACTGAAACCGAAGTCGATTCCAG CATCATCTGTCTCCATAGCGACAGCAGCGGCCATAACAAACGAAGACACCAAAACGCCAC CCTCGTGCCGAATTCGCGGCCGCCCTATAGTGAGTCGTATTACAAAATTCTGACGGTTCA CTAAACGAGCTCTGCTTATATAGACCTCCACGTACACGCCTACCGCCCATTTGCGTCAA CGGGGCCGGGTTATTACGACATTTTGAAAGCCCGTTGATTTTGTGCCAAACCAACTCC CAGGACGTGATGGGGGGGAGACTCGTAAATCCCGTGAGTAAACGCCTATCACGCCATTG GGGACTGGCAAACCGCATCACCTGGTAATAGCGAGACTAATACTAAATGCCTGCCAATAG GAAGCCCCCTCAGGCATGTCTGG </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_016060
Insert Size:	600 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.
RefSeq:	<u>NM_016060.1, NP_057144.1</u>
RefSeq Size:	1196 bp
RefSeq ORF:	396 bp
Locus ID:	51003
UniProt ID:	<u>Q9Y3C7</u>
Cytogenetics:	17p13.1
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.[UniProtKB/Swiss-Prot Function]