

## Product datasheet for **SC106176**

### MED29 (AL137304) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	MED29 (AL137304) Human Untagged Clone
Tag:	Tag Free
Symbol:	MED29
Synonyms:	IXL; MED2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC106176 sequence for AL137304 edited (data generated by NextGen Sequencing)

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ATGGCTGCATCCCAGCAGCAAGCTTCAGCGGCTTCCTCAGCTGCTGGTGTATCGGGTCTT
AGTTTCGGCTGGCGCCCGGGTCCCCAGCAGCAGCCGCAACCGCCAGCACAACTGGTGGGC
CCTGCCAGAGCGGCTCCTGCAGCAACAGCAACAGGACTTCGATCCTGTGCAGCGTTAT
AAGATGCTCATCCCGCAGCTGAAGGAGAGTCTACAGACCTTGATGAAGGTTGCGGCCAA
AACTTGATTGACAACACTAACATCGACAATGGACAAAAGAGCAGTGATGGACCCATACAG
CGCTTTGACAAGTGCCTGGAAGAGTTCTATGCACTCTGTGACCAGCTGGAGCTGTGCCTG
CGCCTGGCGCATGAGTGCCTGTACAGAGTTGTGACAGTGCCAAGCACTCTCCAACGTTG
GTGCCACAGCCACCAAGCCGACGCAGTGCAGCCTGACAGCCTCCCCTACCCACAGTAC
CTGGCGGTCATCAAAGCCAGATTTCTGTGCCAAGGACATTCACACCGCCTGTGGAC
TGTGCCAACAAAGGTCACGGGCAAGACACCCGCACCACTGCTGGCCTGGGGCACTCTG
TGA

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Clone variation with respect to AL137304.1



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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for AL137304 unedited</p> <pre>TTTTTACCCCGCCGACCNCGCTTTGGGCGGTAGGCGGTACGGTGGGAGGTCTATATA AGCAGAGCTCATTTAGGTGACACTATAGAATAACAAGCTACTTGTCTTTTTGCAGCGGCC GCGAATTCGGCACGAGGGAAGATGGCTGCATCCCAGCAGCAAGCTTCAGCGGCTTCTCA GCTGCTGGTGTATCGGGTCTAGTTCGGCTGGCGGCCCGGTCCCAGCAGCAGCCGCAA CCGCCAGCACAACTGGTGGGCCCTGCCAGAGCGGCTCCTGCAGCAACAGCAACAGGAC TTCGATCTGTGCAGCGTTATAAGATGCTCATCCCGCAGCTGAAGGAGAGTCTACAGACC TTGATGAAGGTTGCGGCCAAAACCTTGATTCAGAACACTAACATCGACAATGGACAAAAG AGCAGTGATGGACCCATACAGCGCTTTGACAAGTGCCTGGAAGAGTTCTATGCACTCTGT GACCAGCTGGAGCTGTGCTGCGCTGGCGCATGAGTGCCTGTACAGAGTTGTGACAGT GCCAAGCACTCTCCAACGTTGGTGCCACAGCCACCAAGCCGACGCAGTGCAGCCTGAC AGCCTCCCCTACCCACAGTACCTGGCGGTATCAAAGCCAGATTTCTGTGCCAAGGAC ATTCACACCGCCCTGCTGGACTGTGCCAACAAGTACAGGGCCAGACACCCGACCACT GCTGGCCCTGGGGCACTCTGTGAAGTGGNGGACAGGGAGTGGGGCANGCANTGGTTGGT GGGTGGTGTGCANAGGGAATGAANAGCGTTCTGGGCCCTAACACAGCAGCCTCCTCTCT CCTGCCTGAGCACTGCAGCGGGAGCCACAGGGGGCACCAAAGGCAACAGGAGACTCGC AAGCCGGGCCCTGCGTCTGA</pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for AL137304 unedited</p> <pre>NCCCGTTAGCTATGNACCGCGCCGATTCTANGATCGAGTTTTTTTTTTTTTTTTTAAG TTCTCAAACCTTTAATGTTTTTCAATAAAGTAACACGATTCTCCATATGCAGATGTTACA TTTCATGTGTTAGATTTGCTAAGTATGATTTAATTATACATTTCCATTTTTTGATCTTCA ACTTAATTACACTTAAAAAATGAGTATTTTGTGGTGTAAACACCTCCACTTCTTTTTTT AAAAAACAGGGTCTCCATGAACCAAGCTGGAGTGCAGTGGTGGGATCACAGCTCACTGC AGCTTCAACCTCTCAAGCTCAAGGCATCCTCCACCTCTCAGCCTCCGAGTACCTGGGAA CCTGGGCACGCACCACCACTGGCTAATTTTTGAATTTTTGCAGATAAGGGCTTTTG CTATGTTGCTCGGACTGGTCTTGAATTCCTGGGCTCAAGCCATCTGCCTACCTGCACCTC CCAAAGTGATGGGATTACAGGCTGGGCCACTGTGCCTGGCCCAACATCTCCACTTCTG ATCTCATTTTTCTGTTTTCTCACCATCTGATATATTTACTTTTGTACATTTACTGTCT CTCACTAGAACATCAGCTCCACAATAACAGGCTTGGGCACAAGATACCCAATGTGTTTG CTGAGTGCAACTCAGTGGTGCCACCTCCGNCTGTGCCTGATAGATGTGTATCCATCAC CCCACCACCACTGAGTGCCTCTGTGGGCTCCCTGGGGTGTGGTTTTAACATTGGTAG GCCCTGTTTCATGGGTGCTGGGCTATTAGCCCCCCCACCTGTGTGTGATGTTGTGTTG ACACCCCTGGGGAGGCCCGACAGTCCCTCCAGTTTGTGGC</pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	AL137304
<b>Insert Size:</b>	3700 bp
<b>OTI Disclaimer:</b>	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).
<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).

**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:** [AL137304.1](#), [CAB70687.2](#)

**RefSeq Size:** 3539 bp

**RefSeq ORF:** 603 bp

**Locus ID:** 55588

**Cytogenetics:** 19q13.2

**Gene Summary:** MED29 is a subunit of the Mediator complex, a multiprotein coactivator of RNA transcription that interacts with DNA-bound transcriptional activators, RNA polymerase II (see MIM 180660), and general initiation factors (Sato et al., 2003 [PubMed 14576168]).[supplied by OMIM, Aug 2009]