

## Product datasheet for SC304493

### MED29 (NM\_017592) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	MED29 (NM_017592) Human Untagged Clone
Tag:	Tag Free
Symbol:	MED29
Synonyms:	IXL; MED2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC304493 representing NM_017592. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG  
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC  
 ATGCTGAAAAGCAACGGGAGAGACGCGAGTCGTAAACGCACTTCGGCGGTCTACGCGAGGAAGATGGCT  
 GCATCCCAGCAGCAAGCTTCAGCGGCTTCCTCAGCTGCTGGTGTATCGGGTCCTAGTTCGGCTGGCGGC  
 CCGGGTCCCCAGCAGCAGCCGCAACCGCCAGCACAACTGGTGGGCCCTGCCAGAGCGGCCTCTGCAG  
 CAACAGCAACAGGACTTCGATCCTGTGCAGCGTTATAAGATGCTCATCCCGCAGCTGAAGGAGAGTCTA  
 CAGACCTTGATGAAGTTGCGGCCAAAACCTTGATTGAGAACATAACATCGACAATGGACAAAAGAGC  
 AGTGATGGACCCATACAGCGCTTTGACAAGTGCCTGGAAGAGTTCTATGCACTCTGTGACCAGCTGGAG  
 CTGTGCCTGCGCCTGGCGCATGAGTGCCTGTACAGAGTTGTGACAGTGCCAAGCACTCTCCAACGTTG  
 GTGCCACAGCCACCAAGCCGACGCGAGTGCAGCCTGACAGCCTCCCCTACCCACAGTACCTGGCGGTC  
 ATCAAAGCCCAGATTTCTGTGCCAAGGACATTACACCGCCCTGTGGACTGTGCCAACAAAGGTCACG  
 GGCAAGACACCCGCACCACCTGCTGGCCCTGGGGGCACTCTGTGA  
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT  
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_017592
Insert Size:	666 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).


[View online »](#)

<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_017592.2</a>
<b>RefSeq Size:</b>	3669 bp
<b>RefSeq ORF:</b>	666 bp
<b>Locus ID:</b>	55588
<b>UniProt ID:</b>	<a href="#">Q9NX70</a>
<b>Cytogenetics:</b>	19q13.2
<b>MW:</b>	23.5 kDa
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). CCDS Note: The coding region has been updated to shorten the N-terminus to one that is more supported by conservation.</p>