

## Product datasheet for SC317389

### MED8 (NM\_201542) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	MED8 (NM_201542) Human Untagged Clone
Tag:	Tag Free
Symbol:	MED8
Synonyms:	ARC32
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317389 representing NM_201542. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGCAGAGAGAGGAGAAGCAGCTTGAGGCATCATTAGATGCACTGCTGAGTCAAGTGGCTGATCTGAAG
AACTCTCTGGGGAGTTTCATTTGCAAGTTGGAGAACGAGTATGGCCGGCTGACCTGGCCATCTGTCTG
GACAGCTTTGCCTTGCTTCTGGACAGCTGAACACTCTGAACAAGGTCTTGAAGCATGAAAAACACCG
CTGTTCCGTAACCAAGGTCATCATTCTCTGGTGTGTCTCCAGACCGAGATGAAGATCTCATGCGGCAG
ACTGAAGGACGGTGCCTGTTTTCAGCCATGAGGTAGTCCCTGACCATCTGAGAACCAAGCCTGACCCT
GAAGTGAAGAACAGGAGAAGCAACTGACGACAGATGCTGCCCGATTGGTGCAGATGCAGCCAGAAG
CAGATCCAGAGCTTGAATAAAATGTGTTCAAACCTTCTGGAGAAAATCAGCAAAGAGGAGCGAGAATCA
GAGAGTGGAGGTCTCCGGCCGAACAAGCAGACCTTTAACCTACAGACACTAATGCCTTGGTGGCAGCT
GTTGCCTTTGGGAAAGGACTATCTAATTGGAGACCTTCAGGCAGCAGTGGTCTGGCCAGGCAGGCCAG
CCAGGAGCTGGGACGATCCTTGCAGGAACCTCAGGATTACAGCAGGTGCAGATGGCAGGAGCTCCAAGC
CAGCAGCAGCCAATGCTCAGTGGGTACAAATGGCTCAGGCAGGTCAACCAGGAAAAATGCCAAGTGA
ATAAAAACCAACATCAAGTCGGCTTCCATGCATCCCTACCAGCGTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites:	Sgfl-Mlul
Plasmid Map:	<input type="checkbox"/>
ACCN:	NM_201542
Insert Size:	807 bp



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<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>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_201542.4</a>
<b>RefSeq Size:</b>	1989 bp
<b>RefSeq ORF:</b>	807 bp
<b>Locus ID:</b>	112950
<b>UniProt ID:</b>	<a href="#">Q96G25</a>
<b>Cytogenetics:</b>	1p34.2
<b>Protein Families:</b>	Druggable Genome, Transcription Factors
<b>MW:</b>	29.1 kDa
<b>Gene Summary:</b>	<p>This gene encodes a protein component of the mediator complex, which aids in transcriptional activation through interaction with RNA polymerase II and gene-specific transcription factors. The encoded protein may also function in ubiquitin ligation and protein degradation. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2013]</p> <p>Transcript Variant: This variant (5) uses an alternate exon structure in the 3' coding region and differs in the 3' UTR, compared to variant 3. The resulting isoform (4) has a shorter C-terminus, compared to isoform 3.</p>