

Product datasheet for **SC319302**

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-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_201542.2
GGCACGAGGCAGCCGCTCGGCCGCGCAATGCAGCCCTCCTTTCTATGTGCATACTCG
TTTATCTGGGTGACCAACCTGTTCTTATTGGTGCAGAGAGAGAAGCAGCTTGAGGCA
TCATTAGATGCACCTGCTGAGTCAAGTGGCTGATCTGAAGAAGCTCTGGGGAGTTTCATT
TGCAAGTTGGAGAACGAGTATGGCCGGCTGACCTGCTTTGCTTCTGGACAGCTG
AACACTCTGAACAAGGTCTTGAAGCATGAAAAACACCGCTGTTCCGTAACCAGGTCATC
ATTCTCTGGTGTGTCTCCAGACCGAGATGAAGATCTCATGCGGCAGACTGAAGGACGG
GTGCTGTTTTTCAGCCATGAGGTAGTCCCTGACCATCTGAGAACCAAGCCTGACCCTGAA
GTGGAAGAACAGGAGAAGCAACTGACGACAGATGCTGCCCGCATTGGTGCAGATGCAGCC
CAGAAGCAGATCCAGAGCTTGAATAAAATGTGTTCAAACCTTCTGGAGAAAATCAGCAA
GAGGAGCGAGAATCAGAGAGTGGAGGTCTCCGGCCGAACAAGCAGACCTTTAACCTACA
GACACTAATGCCTTGGTGGCAGCTGTTGCCTTTGGGAAAGGACTATCTAATTGGAGACCT
TCAGGCAGCAGTGGTCTGGCCAGGCAGGCCAGCCAGGAGCTGGGACGATCCTTGCAAGGA
ACCTCAGGATTACAGCAGGTGCAGATGGCAGGAGCTCCAAGCCAGCAGCAGCCAATGCTC
AGTGGGTACAAATGGCTCAGGCAGGTCAACCAGGGAAAATGCCAAGTGGAAATAAAAACC
AACATCAAGTCGGCTTCCATGCATCCCTACCAGCGGTGAGTGTGGCTGGCAACCTCGACT
CCCTGGTGCTCTTGCAGAGTTGGGCAGTGAATTTACCTTTTGTCAAGGCTCACCTAGA
TGGGTACAATAAAAAGAACATGGGCTTTTCAGCAGCAGACAAAATCCCACTTCCACCACTGA
CTAGCTGTGTGACCTTGGACAAGTGACCTAATTTTTCTGAGCCTGTTTCTCATTTGTAAA
TGGTGATAATACCTACCTCATAGGGTGTGTGAGGATTAATAATGAGGAAATGAATGTA
AGCACTTAGTACAGTATATGAAATAATGGGTATTCAATAAATGATAGTTTCTACAAAAA
AAAAAAAAAAAAAAAAA

Restriction Sites:	Please inquire
ACCN:	NM_201542



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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).

OTI Annotation: 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.

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: [NM_201542.2](#), [NP_963836.1](#)

RefSeq Size: 2038 bp

RefSeq ORF: 1989 bp

Locus ID: 112950

UniProt ID: [Q96G25](#)

Cytogenetics: 1p34.2

Protein Families: Druggable Genome, Transcription Factors

Gene Summary: 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]
 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.