

Product datasheet for **MC226103**

Med8 (NM_001290688) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Med8 (NM_001290688) Mouse Untagged Clone
Tag: Tag Free
Symbol: Med8
Synonyms: 2210021A15Rik; AB041805; ARC32
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226103 representing NM_001290688
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCGTCAAAC**TGAAGGACGAGTGCCTGTTTT**CAGCCATGAGGTCGTT**CCTGACCACTT**GAGAACCAAGC
 CTGACCCTGAAGTTGAAGAGCAGGAGAAGCAGCTGACAACAGATGCTGCCAGAATTGGT**GCTGATGCAGC**
 TCAGAAGCAGATCCAGAGCTTGAATAAAATGTGCTCAAACCTTTAGAGAAAATCAGCAAAGAAGAACGA
 GAATCAGAGAGCGGAGGTCTCCGGCCAAACAAGCAGACTTTCAACCCTGGAGACCAATGCCTTAGTAG
 CAGCCGTTGCCTTTGGGAAGGGCTATCTAATTGGCGACCTTCAGGTAGCAGTGGTCTGGGCAACCCGG
 TCAGCCAGGAGCTGGTACAATCCTTGCAGGGCCCTCAGGATTACCGCAGGTT**CAGATGCCAGGTGCTCCA**
 AACCAGCAGCAGCCAATGCTCAGTGGAGTTCAGATGGCTCAGGCAGGTCAACCAGGGAAAATGCCAAGTG
 GAATAAAACCAACATCAAGTCAGCTTCAATGCATCCGTACCAGCG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001290688
Insert Size: 540 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).



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| OTI Annotation: | Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag. |
| 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: | <ol style="list-style-type: none">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_001290688.1</u> , <u>NP_001277617.1</u> |
| RefSeq Size: | 1847 bp |
| RefSeq ORF: | 540 bp |
| Locus ID: | 80509 |
| UniProt ID: | <u>Q9D7W5</u> |
| Cytogenetics: | 4 |
| Gene Summary: | <p>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. May play a role as a target recruitment subunit in E3 ubiquitin-protein ligase complexes and thus in ubiquitination and subsequent proteasomal degradation of target proteins (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) uses an alternate splice site in the 5' coding region, resulting in initiation of translation at a downstream start site, compared to variant 1. It encodes isoform 3, which is shorter at the N-terminus, compared to isoform 1.</p> |