

Product datasheet for MC201011

Med7 (NM_025426) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Med7 (NM_025426) Mouse Untagged Clone
Tag: Tag Free
Symbol: Med7
Synonyms: 1110063B05Rik; Crsp9; Crsp33
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC011333 sequence for NM_025426
 GAAAAGTCACTACCGAAAAGCAAGAAAGAGCTGAGGTGAGCGGGCGCGCGGTTGGCGACCCGAGCCT
 AAGTCTGTCTCTCCGCCCGCGGTTGCGTCTCTCCCGCGTGGAGCGCCGAAGTCCGGCGCGGACAGC
 CTGGGACGCCCGGCTAGCCTTCTCCCGGTTCTCCCGAAGCCTCCCGGGCCCTGAGGCAGGGCGCC
 GGCCGAAGGATCATCTGTCCCTATCGGGTGAAGTACACACCTGTTGTCTTGGTGGTCAACACGTTCTC
 AATTTTCAAGGTGATTTCTATCAGGAACTGAAGATAATACGGTCTGAACCCACAGTGAACCTCTGA
 ACATCGTAGTTGTGTTGATCAGGCTGCTGGTCTTAGGTTCTTGATTGTCTACAATGGTGAACCCAG
 CAAGTGAAGTGCCTTCCACCGCTCCAATGCAGTACATCAAGGAATACAGATGAAAATAGTCAGGAAG
 GCTTGGCTCCAGGCCGACCTCCTCAATTAAGACAGCTACATGATGTTGGCAACCAGAAGCGATGTGA
 TGATCTTATCATTGCGCCCTTAGAAAAGTCAAGGATTGAACGGCTTCATCCTATGCAATTTGATCATAAG
 AAAGAGCTGAGAAAACCAATATGTCTATACTGATTAATTTCTTAGACCTTTTAGACATCTTAATAAGAA
 GTCCTGGGAGTATAAAACGAGAAGAAAAGCTAGAAGATCTTAAGTACTTTTTGTACATGTACATCATCT
 TATAAATGAATATCGACCCACCAAGCAAGAGAGACTTTGAGAGTCATGATGGAGGTCCAGAAAACGCCAG
 CGCCTTGAACAGCTGAGAGGTTTCAGAAACATCTGGAACGAGTCATTGAAATGATTGAGAAATGGTTGG
 CTTCTTTGCCGATGATTTGCCCATTCAGAAGCAGGGATGAGAGTTAAAGCTGAGCCGATGGATACTGA
 TGATAACAGCAATTGCTCCTGGACAGAATGAACAACAAAGAGAAAGTTCAAGTACACAGAAGGGACAGATT
 ATAGAAAAAGATGCTGCCTTATGTGTGCTAATTGATGAAATGAATGAAAGGCCATGAAGAATATTCCTTT
 TTTTCTTTTAGTAAGTAGCATCATATATTAGTTTATTTCTCAGACAGTCTTAAGAGGTATAACTAA
 AGATACTAAGAGACTTTTTTTCAATTGAAATGCTGAGGTGGTAATTTAACACTAACATAGGCCAGCAA
 GTATATTTGAGTAATTGCCTTAAAAAGCTGAATGTTTGCATTGTTGAGATAGTCCATTTTTTTGGAG
 TTGGAATAAAACTTGAAGTAATAACGAATTGTCATTCTTGAAAAAAGTTATTTGCTTCGAGACTAAT
 AAAGGGCATCAAGTGTAATAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_025426
Insert Size: 702 bp



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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).
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>BC011333</u> , <u>AAH11333</u>
RefSeq Size:	1432 bp
RefSeq ORF:	702 bp
Locus ID:	66213
UniProt ID:	<u>Q9CZB6</u>
Cytogenetics:	11 B1.1
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 (By similarity). [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>