

Product datasheet for **MC202625**

Med15 (NM_001040683) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Med15 (NM_001040683) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Med15
Synonyms:	A230074L19Rik; AW536074; mPcqap; Pcqap
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC054779 sequence for NM_001040683
 TGTTCGCTGTGGTAGAGGCGGGCGCGCCGGTGGCCGGTAGGGACTCGGGCTACAAGAGTAGGGGCTCC
 GGGCATGGACGTTTCGGGGCAGGAGACCAGCTGGCGTAGCGCCGCTTTCGGCAGAAGCTGGTCAGCCAA
 ATTGAGGATGCCATGAGGAAAGCTGGTGTGGCCACAGTAAATCTAGCAAGGATATGGAGAGTCATGTGT
 TCCTGAAGGCCAAGACCCGGGATGAGTATCTTCCCTTGTGGCCGACTCATTATCCATTTCCGAGATAT
 TCATAACAAGAAATCCCAAGCTTCTGTCACTGACCCCATGAATGCACTGCAGAGCCTTACTGGTGGACCC
 ACCCCAGGAGCAGCTGGGATTGGCATGCCCTCTCCGGGCAACCACCCTGGAACCTCTGGAATGGCCCTCA
 TTGGCGCTATGGGACAACCACTGCCCTCTCCGGGCAACCACCCTGGAACCTCTGGAATGGCCCTCA
 TGGCATGGCTGTGGTGTCTACAGCAACTCCACAGACTCAGCTGCAGCTCCAGCAAGTGGCATTGCAGCAA
 CAGCAGCAGCAGCAACAACAACAGCAATTCAGCAACAGCAGGCAGCACTGCAGCAACATCAGCAACAGC
 AGCAGCAGCAACAGCAGCAACAGCAGTTCAGGCACAACAGAATGCCATGCAGCAACAGTTCGAAGCAGT
 AGTGCAGCAGCAGCAGCTTCAGCAGCAGCAGCAGCAGCAGCACCTGATTAAGTTGCATCATCAAAGCCAG
 CAACAACAGATACAACAGCAGCAACTGCAGAGGATGGCACAGTTGCAGCTGCAGCAACAGCAACAGCAGC
 AACAGCAGCAGGCTTTCAGGCCCAGCCACCAATGCAGCAGCCATCAATGCAGCAGCCACAGCCTCCCC
 TTCTCAGGCCCTACCCAGCAGCTGTACAGCTGCATCATCCACAGCATACCAGCCACCACCTCAGGCT
 CAGCAGTCCCCATTGCTCAAAACAACCACCACAGATCCCATCACAGTACAGAGCCAGCCTTTGGTGT
 CACAAGCACAAGCCCTTCTGGACCGATGCTGTATGCTGCCAACAGCAGCTGAAATTTGTCCTGCTCC
 GATGGTGGTCCAGCAGCCGAAGTGCAGCCCCAGGTGCAGCAGGTGCAGCCCCAGGTGCAGCCGAGGCA
 GCAGTGCAGGCAGCACAGTCTGCCAGATGGTAGCTCCCGGCGTCCAGGTGCAGCCAAAGCAGCCTCACCA
 TGCTGTCTCACCGTACCAGGCCAGCAGGTGCAGACCCACAGTCGATGCCACCTCCCCACAGCCGTC
 CCCACAACCTGGCTCACAGCCAACTCTAATGTCACTCCGGCCCTGCCCATCTCCCAGCAGCTTCTGT
 CCTAGCCCTTACCACAGCCTTCTCAGAGCCCAGTGACAGCACGCACCCACAGAACTTCAGCGTTCCCT
 CCCCTGGACCTTAAACACCCCTGTGAACCCAGCTCTGTCAAGCCAGCTGGCTCAGCCAGCTGAGTGA
 GGAGCAGCAGTACCTGGACAAGCTGAAGCAATTGTCCAAGTACATCGAGCCCTGCGCAGCATGATCAAC
 AAGATCGACAAGAATGAAGACAGAAAAAGGACTTAAGTAAAGTGAAGAGCCTGTGGACATCCTACCG
 ACCCTCGAAGAGGTGTCCCTGAAGACCTGCAAAAGTGTGAGATTGCCTGGAGAAGCTCAAGAATGA
 CATGGCAGTGCCACACCCACCACCCCAAGTCTTCCAACCAACAGCAGGACCTGTGCCAACCACTC
 CTAGATGCAGTCTGGCCAACATCCGTTACCTGTCTTCAACATTCCCTGTACCGCACATTTGTGCCAG
 CCATGATGGCCATCCATGGCCACCTATCGTGTGCCAGTGGTGTGTTCCCGGAAGCGCCGGTTGAGGA
 GGATGAGGGCAGAGCATAACCAATGTGCTGCAAGGTGAAGTGGCAAGGCTGGATCCAAGTTCTGGTG
 AACTTGGACCTTCTCACTGCAGCAACAACGGTACTGTCCACCTGATCTGCAAGTGGATGATAAGGACC
 TCCTAGTGTGCCACCCTGGAGCTCAGTGTGCCCTGCTGACTACCTGCCAGAGCCCAATGTGGATCGA
 CCGTCAGTGGCAATATGATGCCAACCCCTTCTGCAGTCACTGCACCGGTGCATGACCTCAAGGCTGCTG
 CAGCTCCCTGACAAGCACTCGGTACAGCGCTGCTCAACACCTGGGCCAGAGCATCCACCAGGCCTGCC
 TCTCAGCTGCCTAGCAAACCTGGAACCTCAGGACTGCCAGCAGCCCTTCTGGCTAAAGATCTCACGCCGC
 TACCAGACATTAAGTGTGGCTTCTTAGAGGGCTGGGTTAGGTTAGCTTCTCTGCTTTTACCTTCT
 TTGGTGGGACCTGCCAGCTGTTCCCATCTTGTGCAGTATTGACTGGGCAGCTGTGAAGCTGGCTGT
 TTTTGCAGAGGTGAGCCCACTTCTCCAGCCTTCTGGGCTTCCATGCCCACTCAGCAGCATGAGA
 ACTCAGGGCCCAATCAAAGCATCTGTGTTTGAATACATTGACTCATTATGTGGAGAATGTGCAGGAC
 ATAGGAAACCCTCACTCTATACAGATTCTCCAGTCACTGGGGCTCAGGCGTGCCTCCTAAGGCATGT
 GGACACGTACAGGAACAGTCTGAATCCAGGGCACACATTTAGTTTGGAAAGAACCAATAGGGCAT
 CCGCAGGATCTCTGCCACCAGCAGAACCTCACTTCTGGGCCTCCTCAGTCATGTGAGGAGGAGAATCA
 GCTGGAGGCAAGGGGCTGTCCTGACATTCCTGCGCCAATCTGGGTGAAGGGCTGTGAGTGTATGATA
 CACAGGCAGATAGGCAGATACTACTGGGACCCACCAGCCTCAACACCATATTCTTATTCTCTATA
 CCACCACCAAGCGTGTGGGTTTCTTTCGGAATACTGCAGATGGCGCTCGCCACACTGGGCAGCAATGGG
 AGCACTCTGGTAAAAATCCCCTTTTTATATGTGCACTACTCTGTCATATGATTCTATAATAAATTTAT
 TATTCCTGAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: AscI-NotI

ACCN: NM_001040683

Insert Size:	2250 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).
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>BC054779</u> , <u>AAH54779</u>
RefSeq Size:	3248 bp
RefSeq ORF:	2250 bp
Locus ID:	94112
Cytogenetics:	16 10.94 cM
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. Required for cholesterol-dependent gene regulation. Positively regulates the Nodal signaling pathway (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks an in-frame exon in the central coding region compared to variant 1. The encoded isoform (b) is shorter than isoform a. 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>