

Product datasheet for **MC201580**

Med25 (NM_029365) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Med25 (NM_029365) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Med25
Synonyms:	2610034E13Rik; 2610529E18Rik; ESTM2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC021333 sequence for NM_029365
 CCACGCGTCCGCCACGCGTCCGCCACGCGTCCGGCATGGTCCCCGGATCCGAAGGCCCGGCGCGGGCC
 GGGGGCCTGGTCGCCGATGTGGTGTGGTGTGATCGAGGGGACAGCAAACCTGGGGCCGACTTCGAGGAGC
 TCCGCAAGCACTACCTGCTGCCTGCCATAGAGTACTTCAACGGGGGACCCCTGCAGAGACGGACTTTGG
 GGGAGACTATGGTGAACCCAGTACAGCCTTGTGGTGTCAACACCGTGGACTGCGCTCCAGAGTCCAT
 GTACAATGTCACGCACCTACCAGCAGTGCCTATGAGTTTGTACCTGGCTCGATGGCATCAAGTTCATGG
 GCGGTGGTGGCGAGAGCTGTAGTCTCATCGCTGAAGGTCTGAGCACTGCCCTGCAGCTGTTTCGATGACTT
 TAAGAAGATGCGTGAACAGATTGGCCAGACCCACCGAGTCTGTCTCCTCATCTGCAACTACCCCGGTAC
 CTCTGCCCGCCGTGGAGAGCACCACTACTCAGGCTGCACTACCGAGAGCCTGGTGCAGAAAATAGGAG
 AGCGAGGCATCCACTTCTCCATCGTTTCTCCGAGAAAAGCTGCCAGCCCTCCGGCTTCTGTTTGAGAAGGC
 GGCTCCTCCTGCCCTACTGGAGCCTTTCAGCAACCAGCAGACGTGAGCCAGGACCCAGGCACATGGTG
 CTTGTGCGTGGGCTCGTGTGCTGTTGGTGGCAGCTCGACCTCAGGCTCTCTGCAGACCAAGCAAGCAG
 TCCCTTGGCCACCAGCTCCAGCTTCTGCTGCCACGCTGTCAGCAGCGCCCCGAGGCTCTGCCCTGT
 CCCACCACAGTACCAGGTTCTGGGAACCTAAGTGTGCTCAGGTGGCTGCGCAGAATGTGTGGAGGCT
 GCCAAGAGCCAGAAGGCCGGGCTGGGCCACGCTTCTCACCCATCAACCTCTCCAGCAAGCTGCTCCAG
 GAGTGGGGCCCCCTTACGCCAGGCCCCAGCACCCCATTTGGCTCCTGTGCCCTGGAGCTCCAAGCC
 ACCTCCTGCCTCAGACCTAGCCTAGTCTCCACCGTGGCCCCGACCAGTCTGGCAGCTCCTGCGCAG
 CCTGGGGCGCCGTCTCTGGCAGGCACTGTAACCCAGGTGGGGTCAATGGTCTTCAGCAGCCAGCTTG
 GGGTCTTGCCTTGGTGGGCGAGCAGTCAATCAACAAGCTCCTAGCCTGGAGTGGAGTCTCGAGTG
 GCAGGAGAAAACCAAGCCTGCATCTGTGGATGCCAACCAAGCTGACGAGGTCTCTGCCTTGCAGGTC
 TATGTGAACCATGGAGAAAACCTGAAGACTGAGCAGTGGCCCCAGAACTGATCATGCAGCTTATCCCTC
 AGCAGCTGCTGACCACCCTGGTCCGCTGTTCCGGAACCAAGAATGGTTCAGTTCACCTCACCAACAA
 GGACTGGAGTCCCTCAAAGCCCTTACCGCATCATGGGCAATGGCTTTGCGGGTGCCTGCATTTCCCG
 CACACGGCCCCATGCGAGGTGCGCGTGTATGCTCCTGTACTCGTCTAAGAAGAAGATCTTCATGGGCC
 TCATCCCCACGACCAGAGCGGCTTCGTCATGGCATCCGCCAGGTGATCACAACCAAGCAGGTCCA
 GCAGCAGAAGCTGGAGCAACAGCGCGGGATGGGGGCACAGCAGGCACCTCCAGTCTGGGCCCATTTCTG
 GAGGAGCAAGCGAGGCCCGCAGAACTACTACAGCTCCGTGCACCACAGCCTCAGCCTCAGGGTGCCG
 TGGGAGCTTCTGCGGCTACAGGGCAGCCCCAGCCCCAAGGTGCTACCCAGGCCCCACAGGCGCACCTCA
 AGGTCTCCTGGAGCAGCCCTGGCCACCTCTTGGACCCATCCTGCGGCCCCAGAACCCTGGGGCC
 AACCCCGAGTGGGAGCCTTCTCCTTAACCCAGCACCAGCCCCAGACTGGGGTGGCCCCGCCAGGCT
 CCTACACCACCTACAGCCTCCAGGGGCCCTACATTGCTGCCACCACATCAGAGCATGGGGCAGCCCCA
 GCTGGGGCCGAGCTCCTGCATCCTCCACTGCCAGTATGGCCACACAGTTCCCCAGCGGGGCCCA
 CTGCCAGGTGAGTGTGCTGAGCGGGGTCCCAGGGGCCGGTCCCCAGCCGGGCTGACGCCACGC
 TCATGGAGGACGACATCCTCATGGACCTCATCTGAACCCAACACCAATAAAGTTCTTTTAAACAAAAA AAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_029365

Insert Size: 2238 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:

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: [BC021333](#), [AAH21333](#)

RefSeq Size: 2326 bp

RefSeq ORF: 2238 bp

Locus ID: 75613

UniProt ID: [Q8VCB2](#)

Cytogenetics: 7 28.95 cM

Gene Summary: 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 RARA/RXRA-mediated transcription (By similarity).[UniProtKB/Swiss-Prot Function]