

Product datasheet for **MC219419**

Med26 (NM_027485) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Med26 (NM_027485) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Med26
Synonyms:	5730493L18Rik; AI414941; AW495270; Crsp7
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219419 representing NM_027485
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACAGCGGCTCCGGCTCTCCGACGAGATGAGGGACCGGCTGCTACAGGCCATCGACTCCCAGAGCA
 ACATCCGGAACATGGTGGCAGTGTGGAAAGTGATCTCCAGTCTGGAGAGATACCCCATCACCAAAGAGGC
 ACTGGAGGAGACACGACTAGGGAAGCTCATCAATGATGTCGCAAGAAAACCAAGAAATGAGGAGCTGGCC
 AAGCGGGCCAAGAGGCTGCTACGAAGCTGGCAGAAGCTCATCGAGCCTGTACACCAGAACGAAGTGGCAC
 TACGGGCACTGGCAGGAGCTGCAGGCTCTGCCAATGGGGGTGCGCACAACCTGCCGACCAGAGATGGGAGT
 GGCTGGTGCACCAAGAGCATCCATGACCTGAAGAATCGCAACGACATCCAAAGGCTCCCTGGGCAACGG
 CTAGATAGGCTGGCAGCCGTAAGCGCAGGGGGACCAGCGTGACCTGGGCCACCCAGGGCCACCCACACA
 AAGTTTCAAAGGCAGTCTGACCTCTGGTTCCAATGCATCCCTCTCCACCAATGGGATCAGCGG
 GAGCCCAGAGAGTACCCAGCCCCCTGGATGGCAGTGGGCACTTGGGCCCTGATGGCAGCCGCCTGGAG
 CCCAGTGATAATGAGAAGCACAGCACCAAGATCCCGTGAACGCCGTGCGGCCGCCGCCAGCTCTCCCG
 GCTTGGGCAAACCCCAAGTTCCTGCTGCAGACCAAGGCTGCACAGTTGCAGCAGTTGGACAGGGCAGA
 TGAGTCCCAGGCCCTCCCTATCCCAGGGGGTCTCTCGTGTCTCTTACGCCCCGGAACCTCACGGCAC
 GAAGGCTCCTTTTACGGCATCGGAGCTTTACATACCAAGGGCCAGGTGTCCAGCCCTTCCCCATGGC
 CCCAGCCACCGGACAACACGCAGGTACCATCCCCACTCCCGTGGCCAGCCACCCACGCCCCCTGTGGC
 CCGTCAGGAGCTGCTGCCTAATGCTGAGAGCCCTGTGCACTGGCCAGAGCAGTCTGAGGGCCACCCACGG
 CTAACGGGGCCAGCCTGCAGGGCTGGATTTTCTCCAGATTCTCCAAGGGGACAGTGTGCTACCTCTT
 CGGGTGGCTCGGACAGCAAAAAGAAAAGAGGTACCGACCTCGAGACTACACAGTGAACCTTGGACGGGCA
 GGTGGCTGAGGCTGGTGTTAAACCTGTGCGGTTAAAAGAGCGGAAGCTCACCTTTGACCCCATGACAAGA
 CAGATCAGGCCTCTGACCAGAAAGAGCCGGTGCGGGCTGACAGCCAGTACCCACAGAGCAGCTGCCTA
 GGACAGAGCTGGAGCAGCAGGAGGTCAAGGCCAGCCTCCAGAGCCCTTTTGGAGCAGCAACTGGAAGGA
 GCTATCACGAAATGAGATCATACAGTCTACCTGAGCCGCCAGAGCAGCTTGCTATCCTCCTCAGGCGCA
 CAGACCCAGGTGCGCACCACTTTATGGCTGAATACCTGAAGCAGGAGGAGAGCAGTGGCAAGGGGCC
 GGCAGCCCCATGTGCTGCTACCACTGCCACACCCACTGACCTACCAGGGCTCACACGTGAGGTACGCA
 GGATGATCTGGACAGAATCCAGGCCAGCAATGGCCAGGGGTTAACGGGTGTGAAGACACACAGGGTAAT
 TGGTATGACTGGACACAGTGTATATCGCTGCACCTCATGGTGACGATGGGCGCTTGAACATTCTGCCTT
 ATGTCTGCTTGGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_027485

Insert Size: 1767 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: [NM_027485.4](#), [NP_081761.2](#)

RefSeq Size: 3040 bp

RefSeq ORF: 1767 bp

Locus ID: 70625

UniProt ID: [Q7TN02](#)

Cytogenetics: 8 B3.3

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 pre-initiation complex with RNA polymerase II and the general transcription factors (By similarity). [UniProtKB/Swiss-Prot Function]