

Product datasheet for MC224469

Med14 (NM_012005) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Med14 (NM_012005) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Med14 |
| Synonyms: | 9930001L01Rik; AU041628; Crsp2; ENSMUSG00000073278; Gm641; ORF1; Trap170 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |
| Fully Sequenced ORF: | >MC224469 representing NM_012005 Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCCCAGTGCAGCTGGACAACCACCAGCTGATCCCTCCTGGCGGGCGGGTGGCAGCAGCGGGCGG
GAGGCAGCAGCAGCGGCTCCGCGTCTGCCCGGCTCCCCGCGCCCGCAGCCGCTGTGGCGGGCGGCG
TGCGGGCGGAGCTAGCCCTGGATACCGGCTTAGCAGCTCATCGAATTTCTGCTCCACGGGCTACTCG
GAGCTTATGGTGTGACGGAATTATTGCCAAGGAAATCTGATGTGGAAAGGAAAAAGAAATTTGACAGT
TTGCTAGCCGGACAGTCAACTCTTCGTTTCGATTATTAGCTTTAGTAAAAAGGGCAATGACGCTGGCAA
AGTAGAAAAGTGTGCGATGATCTCAAGCTTTTTAGATCAGCAAGCTATCTTATTTGTGGATACCGCTGAC
CGCTTGGCCTCCTTAGCTAGAGATGCCCTGGTCCATGCACGCCTGCCTAGTTTGTATTCCATATGCCA
TTGATGTACTGACTACTGGCTCTTATCCACGGCTTCCAACCTGCATCAGGGACAAAATTATTCCTCCAGA
CCCAATTACAAAATTGAGAAACAAGCCACACTTCATCAGCTTAATCAGATTCTTAGACATAGGCTTGTA
ACGACAGATCTTCTCCACAGCTAGCAAATCTTACAGTGGCAAAAGGCGGTGGAAGTTTCGAGTTGAAG
GAGAATTTGAAGCAACCTTGACAGTGTGGGTGATGACCCAGAAGTCCCGTGGCGTCTTCAAGCTAGA
AATTCTAGTTGAGGATAAGGAAACAGGAGATGGGCGAGCTTTGGTTCATAGCATGCAAAATCGATTTTATC
CATCAGCTGGTCCAGTCTAGGCTCTTTGCTGATGAGAAACCTCTTCAGGACATGTACAACCTGCCTACATT
GTTTCTGCTTATCGCTTCAACTAGAAGTATTACATTCCCAGACACTAATGTTAATCCGAGAGAGGTGGG
AGACCTTGTACAGGTGAAAGATACCATGCTGAAAGAGCCTCTCCCTCAGTTTGAATCAACAGGTT
CTAGGGAGAAAAACAGGCACAGCATCTGTTACAAAAGTTACAATAAAAATCGATGAGAATGATGTCTCCA
AGCCTTACAGATTTTTCATGATCTCCTTTGCCAGCTTCTGATTCTAAATAGTAGAAAGGCCATGAA
GATTGACCACTTATCAATAGAAAAGCTCCTGATTGACAGTGTACACGCAAGAGCCACCAGAGGCTGCAG
GAACTGAAGGCCATTCTAGAAGCTTCAACGCCAATGAAAGCTCTCCATAGAGACTGCCTTCCAGCTC
TTATTGTACCCATCTGGAGCCTTGTGGTAATTCGGAGTGCCTACACATTTTGTAGATTTGCATTTCTGG
AATGTTCCAATTGATGCTTTATGGACTTGACCCAGCCACTCTGGAGGACATGGAAAAATCTTTGAATGAT
GACATGAAGCGGATCATCCCTTGGATTACGCAACTAAGTTTTGGCTGGGACAACAGCGTTGCAACAAT



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CTATAAACATCTGCCTACAATAACCACTGAAACGTTGCAGCTTGCCAACTATTCAACACATCCCATTGG
AAGCCTTTCTAAGAATAAGCTGTTTATTAACCTTACTCGCTTCCACAGTACTACATTGTTGTGAAATG
CTTGAGGTTTCTAATAAGCCTACGCAGCTATCATATAACTATTACTTTATGTCGGTGAGTACTGCAGATC
GTGAGGACAGCCCTGTCATGGCACTGCTGCTGCAGCAATCAAGGACAACATCCAGGACCTGATGTCCTA
TACAAAGACTGGGAAACAGACCAGAAGTGGTACCAAGCACAAGTTGTCTGATGACCCATGTCGATAGAC
TCCAAGAAAGCCAAACGATCAGGAGAAAATGTGTCCTTCAATAAAGTTCTAGCTCACTTTGTTGCTATGT
GTGACACCAACATGCCATTTGTTGGTCTTCGATTGGAGTTGTCTAACCTCGAGATACCACATCAGGGAGT
GCAAGTGGAAAGGTGATGGCTTCAACCATGCAATTCGCTTATTAAGATTCCCTCCCTGTAAGGAATAAGT
GAGGAAACACAGAAGGCTCTGGACCGCTCTCTTCTTGATTGCACTTTCCGATTACAAGGTAGAAAATAACC
GCACTTGGGTGGCTGAATTAGTGTGTTGCAAATTGTCGCTTAATGGCACTTCCACCAGGGAGCAAGGACC
ATCCCAGCATGTTACCTGACGTATGAAAATTTGTTGTCTGAACCTGTTGGTGGCAGAAAAGTAGTTGAA
ATGTTTCTTAATGACTGGAGTAGCATTGCCGTTTATACGAGTGTGTGTTGGAATTTGCACGTTCTCTAC
CAGAAATACCTGCTCATCTGAATATTTTCTCAGAAGTTCGTGTTATAATTATCGAAAGCTTATCTTATG
TTATGGAACACCAAAGGAGCTCAATTAGTATTCAGTGGAACTCCATTCATCAGAAATTTACATTGCG
TTGGGAACAGTTGGCCAAACTCAGTTGCAGTAACTGTACAATACCATTCTCCATCAACTTCAAGAAA
TGTTCAACAAAACACCAATGTGGTTCAAGTTATTACAGGTTTTGTTTGATCTCAGGCACCATTAATGC
TATCAACAAACTCCCTACTGTTCCAATGTTGGGCTTGACCCAGAGAAGTAAACCCGCTACCAGTGTTC
TCCATTTTACCACAATCATCCACCACATCAGACTGGCCTTCCAGGAACATGACTGCATTGACATATACT
GCCGTAGTCGAGGCGTCGTGGCAATACGGGACGGTGCCTATAGTCTTTTGATAACAGCAAGTAGTTGA
AGGCTTCTATCCTGCACCAGGATTAAGACTTTCTGAACATGTTTGTGATAGCAATCAAGATGCTCGG
AGAAGTCTGTAATGAGGATGATAACCCCTCTCTCCTATAGGAGGTGACATGATGGACTCTTAAATAT
CACAGCTCCAGCCACCTCAGCAACGCCATTTCCAAAGCAGCCAGGGACATCAGGCGCTTACCCTTAC
TTCACCCCTACATCCTATCACAGCACAGTTAATCAGTCCCCTCTATGATGCACACACAGTCCAGGA
AATCTGCATGCTGCCAGCTCCCCAGTGGGCTTTGAGAGCCCCATCACCAGCGTCATTTGTTCCAACTC
CTCCCCATCCTCGCATGGAATCTCAATAGGACCAGGGGCCAGTTTTGCTAGTCCACATGGAACCTTGA
CCCTAGTCTCCATATACTATGGTGTCCACCAAGTGGACGAGCAGGAAAAGTGGCCTGGGTACCTCAAGT
TCCGGACCCTCACCAGCAACCCGTTTGCCTGGAATGTCACCAGCTAACCCATCTCTGCATTCTCCTGTT
CAGATGTTTCTCATTCTCCTCGAGCTGGCACAAGTCCCAGACAATGCCAACCAACATGCCTCCACCTCG
AAAACCTCAGCGCTCCTGGGCAGCATCTATACCCACCATTCTCACTCATAGTGCCTTGAACATCTTA
CTGCTACCATCTCAACGCCAGGCTTGTGCTGGCCTGGCAGGTAGTTACCTTTGTTCCCCTTGAAG
GATTCCTTGGATCTGTCATCATGAGACGACACCTTCAAAGAATCATCCAACAGGAAACGTTGCAGCTGAT
CAATCCAATGAACCTGGTGAATCATGTTCAAGACAGATGCCCTGAAATGCAGAGTAGCCCTTAGTCCC
AAAACCAACCAGACCCTTCAAGTAAAAGTGAACCTGAAAATGCAGGACAATGGAACCCGATGAGCTTC
AAGTTTTGGAGAAATCTTCAAAACAAGAGTTGCAGGACCGCCATTTAAAGCCAACACACTTATAGCCTT
CACCAAGCTGTTGGGAGCGCCGACACACATCCTCCGGACTGTGTGCATATAATGAAGTTGGAGTTGTT
CCAGATCAAGCAACGCAGCTGAAATGGAACGTTCAAGTTTGCCTCACCATCCCTCCCAGCGCACCACAA
TTGCACCCTGGGACACCAGCTGTGGTCTGAAATCCAAATGCTATTTTTCTCAACTAACTCAGAA
AACATCAGTCCCTCCCCAAGAACCTGTTAGTATAATAGTTCCAATATTTATGATATGGCTCAGGTACC
ACTCAGCAGGCAGACATCCCAGACAGCAGAAGTCTTCTGTTGCTGCGCCAATGATGGTCAGCAACATTC
TGAAGAGGTTTGCAGAGATGAACCTCCACGACAAGGTACATGA

ACGCGTACGCGGCCGCTCGAGCAGAAAAGTCACTCAGAAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_012005
Insert Size: 4314 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: | NM_012005.3 , NP_036135.3 |
| RefSeq Size: | 5083 bp |
| RefSeq ORF: | 4314 bp |
| Locus ID: | 26896 |
| UniProt ID: | A2ABV5 |
| Cytogenetics: | X A1.1 |
| 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 (By similarity). [UniProtKB/Swiss-Prot Function] |