

Product datasheet for **MC223266**

Sec24d (NM_027135) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sec24d (NM_027135) Mouse Untagged Clone
Tag: Tag Free
Symbol: Sec24d
Synonyms: 2310020L09Rik; Gm1349
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223266 representing NM_027135
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAGCCAACAAGGCTATGTGGCGACCCCCCTATTCTCAGTCCCAGCCTGGAATGGGTATCTCTCCCC
 CTCACTACGGACTATGGGGACCCGTCCCATGCATCCTCTCCACCAGGCGTGATGAAGCCATTGGGGCC
 TTCAGTGCTCCTTCAGGGATGTGCCCCAGGTCCTTTACCTCTGGACCCCCACAGTTTGGCCCCAAT
 GGAGCCATACTCCAGGCCATCCTCCTCAAAGATTTCCAGGACCCCCACCTGTCAATAGTGTGGCACCCCT
 CTTATGCGTCAGGCCAGACCCCTGCCACAGTCATCTTACCCAGGCCCTGGGTCCACTTCTCTGTCAACCA
 GCTGGGCAGTCAGTTCAGCTCCATGCAGATCAACAGCTATGGTGTGGGCGGACTCCTCAGAGCCAGGGT
 CCGCCTGGCCCCAGTCAGCAGGCGCCTTCCAGGGGCTCCACAACCTGCACAGCCATCTATTCTGCAGC
 CAGGACATCAGGTTCCGCCGCCACCCCCACTGCCCTGAACGGCCCTGGTGCCTCTCCTATGTCTCCACC
 AACTCACAGGCAAGATGGCCTTCTGGGCCAGCTCCTCTGAACGCCCAGTATCAGCCCCACCTCCACCA
 GGCCAGACCCTGGGTCTGGCTACCCTCCACAGCAAGCAACCAACTATGGACCGCAGATGGGAGGTGCAC
 AGATGTCTTACCCAGGAGGTTCCCTGGAGGTCCTGCCAGATGGCTGGGCGGCCACACAGCTCCAGAG
 GAAGCTGGATCCGGACTCCATCCCCAGCCCTATTCAAGTGATCGAGAATGACAGGGCCACCAGAGGTGGA
 CAAGTCTATACGACCAATACCAGGGGCCAGGTACCTCCACTGGTCAACCCGAGTGTGTGATTCAAGACC
 AAGGCCACTCGAGCCCCGCTATATCCGCTGCACTACGTATTGCTTCCGTGCACGTCCGACATGGCCAA
 GCAAGCTCAGATCCCACTGGCTGCCGTCAACACCCTTCGCTGACATTCGCCCCAACGAGACCCCTTG
 TACTTGGTAAACCATGGGAGAGTGGACCAGTGAAGTGAACAGGTGCAAAGCCTACATGTGCCGTTCA
 TGCAATTCATCGAAGCGGACGGCGCTATCAGTGCGGATTCTGCAGCTGTGTGAATGAAGTCCCACCATT
 CTATTTCCAACATCTGGACCACATTGGAAGGAGATTGGACCACTATGAGAAGCCAGAGCTGTCGCTGGGA
 TCCTATGAATATGTTGCTACATTGGATTACTGCAGAAAGAATAAACCTCCAGGCCACCAGCCTTACATCT
 TCATGATTGATGTCTCATATAGTAACATAAAGAATGGCCTCGTCAAGCTCATATGTGAAGAGCTGAAGAC
 CGCGCTGAAGCGGCTACCAAGGAGGAGCATGAGGAGACGCTGCAATCCGAGTTGGTTTCATCACATAC
 AACAAAGTTCTCCACTTCTTAACTGGAAGAGTAATCTGGCCAGCCTCAGATGATGGTGGTGACGGATG



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TCGGAGAGGTCTTTGTTCCCTTTGTTGGATGGGTTCCCTGTCAACTATGAAGAATCTCAATCTGTGATCCA
 CAATTTATTGGACCAGATTCTGAGATGTTTGCTGACTCTAATGAAAACGAGACAGTCTTTGCCCGGTC
 ATCCAGGCCGGCATGGAGGCCCTGAAGGCAGCAGAGTGCCCGGGGAAGCTCTTCATCTTCCATTCCTCTT
 TGCCTACTGCCAAGCACCGGGGAAGCTCAAGAACAGAGACGACAAAAAGCTGGTGAACACAGACAAAGA
 GAAGATACTTTCCAGCCCCAACAGCTGTCTACGAATCTCTGGCCAAAGACTGTGTGGCCACAGCTGC
 TCAGTGACTCTGTTCTCTTCCCAGTCAGTTTGTGGATGTGGCTTCTTGGGTCTGGTTCCTCTGTCTCA
 CGGGAGGAACCTTTACAATAACAACGTTTTCCAGATACATTAGATAGCCAAAGGTTTCTGACCGACCT
 CCGGAATGATATTGAGAAGAAAATAGGCTTCGATGCTATCATGAGGGTTCCGACCAGCACAGGTTTCAGG
 GCCACTGATTTCTTTGGTGAATATTATGAACAACACCACAGATGTGGAATGGCGGCCATCGACTGCG
 ATAAAGCCGTGACAGTGGAGTTCAAGCAGCATGACAAGCTCAGTGAAGATGTGGGGCCCTGATCCAGTG
 TGCTGTGCTCTACACGACCATCAGTGGTCAGCGAAGACTCCGGATTACAATCTCGCCTTAAACTGCAGC
 ACCCAGCTAGCGGATCTGTACAAGAGCTGTGAAACTGATGCCCTTATCAACTCTTTGCCAAGTCAGCTT
 TTAAGCAGTTTTGAACCAGCCCTGAAGGCCATCCGGGAAATCTAGTCAATCAGACTGCCCATATGCT
 GCGTGTACCAGGACTGTGCGAGTCCGTCTGCAGCAAGCCAGCTTATACTGCCAGATTCATGAAG
 GTGCTGCCTGTGTACATGAACAGTTTGTGAAAACTGTGTGCTGCTCAGCAGATCGGAGATCTCCCTG
 ATGAGCGGGCTTACCAGCGGCAGCTGGTCATGACCATGGCGTGGCTGACTCCCAGCTCTTCTTCTATCC
 ACTGCTCCTGCCAATCCACAGTTAGATGTGAAGAGTGCAGCGCTGCCACCAGCCGTCGCTGCTCCGAG
 TCCCGACTCTCTGAAGAAGGAATATTCCTGCTGGCTAACGGTCTGAACATGTTCTTATGGTTGGAGTGG
 GCAGCCCACCAGAGCTGATTCAGGGAATATTTAATGTGCCATCGTTGCACATATCAACACAGATATGAC
 ATCGCTGCCTGAGGTGGGAAGTCCACACTCTCAACAACCTCAGAATGATAATGAATAATCCAGCAAAG
 AAGCCATACTCAATGAAGCTCATCGTGGTTAAACAGCGAGAGCAGCGGGAGATGGCTTCCGACAGTTCC
 TGGTGAAGATAAAGGGCTCTATGGAGGATCTTCGTACGTGGATTCTCTGCTGTGTTCCACAAGGAGAT
 CTGTCAACTGCTTAAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_027135
- Insert Size:** 3099 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_027135.2](#), [NP_081411.2](#)
- RefSeq Size:** 3881 bp
- RefSeq ORF:** 3099 bp

Locus ID: 69608

Cytogenetics: 3 G1