

Product datasheet for **MC223250**

Ino80d (NM_001114609) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ino80d (NM_001114609) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ino80d
Synonyms: 7330405I11; A430093A21Rik; BC010584; OTTMUSG00000002594
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223250 representing NM_001114609
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTATGAAGGAAACATATACACTTCTCTGAGGTTGACAATAAGCCCTTGTGCTCATATAGCCCCAAC
 TGTGCAAGCAGCGGCGACTCAACGGCTACGCTTCTGTATCAGACACGTTCTGGAAGACAAGACTGCCCC
 CTTCAAGCAATGTGAATATGTGGCAAGTATAACAGCCAGCGCTGCACCAACCCATTCCCAATCAGAG
 GATCGCAGGTACTGCAACAGCCACTTGCAGGTACTCGGCTTTATCCCGAAAAAGAGAGGAAGAAAAAGA
 CTGACCCGGTAGATGAGGTGAAGGCCAGGCACCAGATGGATGCCATGGCGTTTAGCCTGACGGTGCCTAC
 CCTGGCCTTGAAGATGCCAATGGACTGGATAGCATGTCCCTCTCTCCACCTGGGGCAAGGGTTCCTCTC
 CACTACCTGGACTGAGTTGGAAGACCCCTTGTCTTCAACGAGGAAGACGATGACCTAAAGAAAGGGG
 TGACTGTGAGAAAAAGTTGCAGAGCAAGTTGGCTCAGAACCGGCAACGCCAGAGAGACAGAGATTTT
 AAAAGTTCGGCAAGAGCACTTTAGCACCCCTCCACACCTCCACAGCAGCACACCCACCTGTCACCTCTG
 TCTACTTCTTTAAAACCTCCAGCACACCACAGGGTTCAGTCTGCAAGTCACTCAACCTCAGAACACCA
 GCCTACCAATGCAGGGAGTGGCCCCACACACTCTATAGCACAATAAGGCAGGCCTCTCACAAAGAG
 GCCTCTGCCCTCCTTCCCTCCAGTCCAGCTCCCATCTCAGATGCCCCAGGACTGACCGAATCCTCATG
 AAAAGCCGCGCCTTCTCTCCACACTTGTCTGTATAAGCCGCTGCAGAGACTGGTGAAACTGTGACCC
 AAAAGCGTCAGCTGGACGCGGACCTGTTTCTCATTTAGGATTGGATTGGTCTGAGGAGAGCGGAGAGGA
 GTTGGAGGACGCAGATCAGGCTTCGCCATATCAAGTCGCATGGTCCATCCGAGAAACCTCAGACATGAA
 AGACACACGTGACGACGACGACATGGAGAGCAGGAGCTCCAGGGTGACCAACTTTGCACTTACTTTT
 AGCAGAAATAACAAGCACCTTCCGCGCTGGAGCGGGCAGAGTCTCGACAAAAGAAGTGCCGCGATACATT
 TAGGAAGGCACTGCTGCAGGCTGCCAGTAAGGAACCCGAATGCACTGGTCACTGATACAAGAACTACGG
 AGAGCTGCGTGCAGCCGAGCCAGCCTTCGCCAGACCAAGTTGAAGGAGGTGGAGCCAGCAGCATGTAGTG
 GAACAGTGAAGGGCGAACAGTGCACAAAGCAGGCCCTTCCCTTACCAGACTGTTTCCAGCACATCCT
 CCTGAACCGCTCTCAGCAGCTTCTCCAGCTGCACTGCCAAGTTTGCAGACGGACAGCAGTGTCTGTG
 CCAGTGTTTGACATTACACACCAGACGCCCTGTGTGAAGAACATGCCAAAAAGATGGATAATTTCTGTA



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GAGGAGATAACTCCCGTAAAGTTTCAGCACCAGCAACAGAGGAAACCTAGGAAAAAACGAAGCCCCCTGC
 ACTTACCAAAAAACAAGAAGAAGAGACGGCGTGGACCTCGTCGGCCCCAGAAGCCATCCCCCTGCA
 GTGCCCAAGGGAACCTCAGCATGCCACCAGCGTCTCACTGCCAGTGGAGGCCTCACAGATGCCAAGCC
 CATCCACGCCCGAGCTGAGTGCTGATGAGTTGCCGGATGACATTGCCAACGAGATCACCGACATCCCGCA
 CGACCTGGAACGAACCAGGAGGACTTTGCTGATGTCTGCCTCGGCTGCCGGATGATCTACAAGACTTT
 GATTTTTTTGAAGGAAAGAACGGAGACCTCCTCCCGACCACAGAAGAAGCCGAAGAGCTCGAGCGGGCCT
 TGCAAGCTGTAACCTCTCTCGAGTGCCTGAGTACAATTGGGGTACTTTCCAGTCAGACGGTGTGCCCGT
 TCAGGGGTTGTCAGATAGAGGAATGGGGGTGTTCTCCACGGGTAAGTATGCTTCGGGAATCCAGTCCTTG
 AGTCGAGAAGTAAACACGGACCTAGGGGAGCTACTGAATGGACGTATAGTGCACGATAGCTTTTCTAGTC
 TGGAGCTGGACGAGAACCTACTCCATTCTGCTCCTCTGTCCAGCCACCCACAGCCCTGGCAGGGCAGAT
 CCAGGGGCAGTTCTCTGCCCCAGCCAGCGCTGGCCTTACTTCTGCCACTCTGCTCAGCCAGAGTGCCTT
 GGGGAGAGAGCCTTCCAGGACAGTTTCATGGCCTTCATGATGGCAGCCATGCCTCCAGAGGCCACATC
 CTGCCAGCTGCTGAGCAAGGCAGACGACCTTATCACCTACGACAGCAATACAGCAGTGATCATTACA
 CTCCTCACCCATGGAAGCCATTATGATAGCGAGCAGTGCCTCGCCCTACAGTGACCATATCACCTCT
 CCCACACATCTTACTCTGGTGATAATATGGCAGCTACCTTTTCGGCAGAGATGCCATCATGGCGCAGC
 ACTTGCTCCCCACACAGCTCGAGGTGCCACTTGGAGGAGTGGTCAACCCAGAACCTCACTGGGGGAATCT
 CCCCCTAACCTTGGCGACCCCTCTGCATTTAGCAACCTCCTTGGCGCGGACGGACACCTTCTTTCCACT
 TCCCTCTCCACGCCACCCACCAGTCCAACCTCAGAGACCACAGCCTGCCTTCGCCACCGTTACCCCAA
 GCAGTTCAGTGTGCTTCCGGGGTTACCCAGACCAGCTTCAGTGGCATGGGGCCTTCTGCTGAACATAAT
 GGCCTCCACCTCTCCGAAGCAGCAACTCCCGCAGTTTCAGTGCAGCCTTCGGCCACCAGCTGAGTTCTCAC
 AGTGGCATTCTAAGGACCTGCAGCCAGCCACAGCTCCATAGCCCTCTACAGGGTTCAGTGAACAG
 GTGCCACGGCTACAAGTACCAACAATGCATCGCCCCCTTCCCCAGCCCTAAC**TGA**

ACGCGTACGCGCGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001114609
- Insert Size:** 3066 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_001114609.1](#), [NP_001108081.1](#)
- RefSeq Size:** 13529 bp
- RefSeq ORF:** 3066 bp

Locus ID: 227195

UniProt ID: [Q66JY2](#)

Cytogenetics: 1 C2

Gene Summary: Putative regulatory component of the chromatin remodeling INO80 complex which is involved in transcriptional regulation, DNA replication and probably DNA repair.
[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant is the longer transcript and encodes the longer isoform (1).