

Product datasheet for **MC216824**

Insm2 (NM_020287) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Insm2 (NM_020287) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Insm2
Synonyms:	Mlt1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216824 representing NM_020287
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGCCGAGGGCTTCTGGTGAAGCGAACCAAGCGCTCCGGCAGCTCCTACCGCGCGCCCGGTGGAGC
 CGCTTTTCCCTCCTCCGGTCCCCTCGCGCGCAATCCTACCGGAGGAGCCGGTCCGGGACTTTTGGG
 GTCCCCCTGCCTCGCACCTCCGCAGGACGACGCCGAGTGGGGCGCGGGTGGCGGCGACGGCCCCGGCCCC
 AGCCCCGCGAGGCCGGCGGGCCCCGAGCTGCGCCGCGCTTCTGGAGCGCTGCCTGCGCTCTCCGGTCT
 CTGCGGAGTCTTCCCCAGCGCCACCGCTTCTGCTCCGCGGGCGCCCGGCCGTGACCTCCGGGGAGGA
 GTTGTACCGCCGAGGTCCCTGTATCCGTTCCAATTCCCGTCCCGGGCCCGCCCGCATGGCCTCCAG
 CGCCGCGTAAGGGTCCCCAGTCTGCGCCTCAGCGCCGCGAGCCGTGAGAACTAAGCGGTGAGAA
 GGCTGAGCTTCGAGATGAGGTACCACGTCCCCGGTGTGGGTCTGAAGATCAAAGAGGAGGAGCCCGG
 GGCTCCGCGACGGGCTCTGGGCGCGTCCGCACCCCGCTGGGGGAGTTCATCTGCCAGCTGTGAAGCAC
 CAGTACCGGACCCCTTCTGCTCTGGCTCAGCACCGCTGCTCCCGCATCGTCCGCGTCCGAGTACCGCTGTC
 CCGAGTGCACAAGGTCTTCAGCTGCCCGCGAACCTCGCTCCACCGCCGCTGGCACAAGCCACGTCC
 CACGCTGCCTGCGCCGCGAGTAAACCTCCCCACGCGCTCTGACCCCTCCGGACCTTCCCTGGCGACG
 GGCAAGGAGAACGGCCGCGTCCCGCGGACCGAGTACGACCCCGAGGCTCCGGACAGTCCGGAGACG
 GTCAGCACCGGGACAGCGCCGCGCGCCGGGCTACAGGCTCTAGTGTACCCGGAGGCCGACGACCCCA
 GGCTCCCTACCCGAGGTGATTTAGGGCGCCACGGCCGGGGTTCGAGCGGTGCCAGCGCAGGAGCGACG
 TCCGAGGTCTTCGTGTGCCCGTATTGTACAAAAAGTTCGTCGCAAGCCTATCTGCCAAGCACTGG
 GCACCCATGAGACGGGCTCGGCCCGTGCACCAACTCCGGGTTTTGGCTCGGAGCGCACGGCCCCACTCAC
 CTTTGCCTGCCCGCTTTGCGGGGCGCACTTCCCGTCCCGGACATTCGAGAGAAGCACCGGCTATGGCAC
 GCTGTCCGCGAGGAGTCTACTGCCCGCTTGGTCCGGGACCTTCGGAAGCAGCCCCGGAGGGGCAT
 CCGATGGTAGCGCTCAGCAGATTTTCTCCTGCAAGTACTGCCCGTCCACTTTTTTTAGCTCCCCGGCTT
 GACCCGGCACATCAATAAGTGCCACCCCTCCGAAAGCCGCAAGTGTCTGCTGCAGATGCCACTGAGG
 CCTGGCTGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_020287
- Insert Size:** 1482 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_020287.2](#), [NP_064683.2](#)

RefSeq Size: 3102 bp

RefSeq ORF: 1482 bp

Locus ID: 56856

UniProt ID: [Q9JMC2](#)

Cytogenetics: 12 C1

Gene Summary: May function as a growth suppressor or tumor suppressor in liver cells and in certain neurons.[UniProtKB/Swiss-Prot Function]