

Product datasheet for **MC220533**

Sel112 (NM_001033296) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sel112 (NM_001033296) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sel112
Synonyms:	Gm118
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220533 representing NM_001033296
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAATCCCTTGCTTTGTTAGTAGAGATATTGATCATTATCGAGGTCACAACCAAAAACTGAAGCAG
 AAAGATATAACAGAAAACAAAAAGAAAGTGAATGTCACCACACAGGTATCAGTGAGCAAAGTCAAGCAATT
 TTTATTGTATCTACTGGAACAAGGAAACGCAAATAAAATAACCAATAAAAGAGAAAATCCCTTAGAAAA
 AAGAAGCATCAACATAAGTTAAAAATAAAAGGAATTCAAAATAAGAATCTCCTGAAGAGAAAATCAAACT
 ACTTCAAAAACCCAGCCAAGAAAAGTATCACAGATGAAGGAGATGAGTTATTTAAATGGCAACAAGAT
 TCTCCAGGAGTCTAAAAGCCAAAAACAAAAACAGAAGCCTACACACTTTCACCAGAGCAGCCAACATG
 GGAATTTGAAAGCTATGAAAAAATGGCTGATGCTTGGCTATTTGGAAGTTTCGGCATGCAAAACATAA
 CAGCAGCTATTCAGTTATATGAGTCCTTGGCTAAAGAAGGATCATACAAAGCCCAAAATGCATTAGGATT
 TTTATCTTCATATGGAATAGGAATGGAATATGACCAAGCCAAGGCACTGATATATTATACCTTTGGAAGT
 GCTGGAGGAAGCATGATGTCCCAGATGATTCGGGGTACAGATACTTGTACAGGAATTAACGTTCTGCAAA
 ATTGTGAAGTTGCCCTAAATCATTACAAGAAAGTGGCAGATTATATTGCTGATAAATGGAAAAAGTGA
 AGGTATCCCCTGGAAAAAGTGAGGCTAACCGAGAGACCTGAGAACTCGAGTTCCAACAGTGAGATTTTG
 GATTGGGACATATAACCAACTATAAAATTTTGGCAGAAAAGAGGAGATGTTCCAGATACAAGTATCTCTTG
 GACAATTACATCTAATTGGGAGAAAAGGGACTAGATCAAGATTACAGTAAGGCGTTATACTACTTTCTAAA
 GGCAGCAAAAAGCCGGGAGTGCAATGCCATGGCATTATAGGAAAGATGTATTTGAAGGGAATGCTGCT
 GCACCACAAAATAACGCCACTGCCTTCAAATACTTCTCCATGGCGCCAGCAAGGGCAACGCAATTGGCC
 TTCATGGACTTGGTCTCCTTTACTTCCATGGAAAAGGTGTTCTGTGAATTATGGTGAAGCACTTAAATA
 CTTCAGAAAAGCTGCGGAGAAGGGATGGCCTAATGCACAGTTCAGCTGGGCTTCATGTACTACTCTGGC
 TCTGGAGTATGGAAGGATTATAAGCTTGCCTTCAAATACTTTTACTTGGCATCTCAGAGTGGGCAGCCTC
 TTGCCATTTATTACTAGCCGAGATGTACGCAACTGGCACTGGAGTGCTGAGATCATGCAGAACGGCCGT
 GGAGCTTTACAAAGGTGTCTGTGAAGTGGCCACTGGGCTGAGAAATTCCTAACGGCCTATTTGCGCTAT
 AAGGATGGGGACATAGACTCTTCTTATTTCAGTATGCATTGCTTGGCGAAATGGGATATGAAGTAGCTC
 AAAGCAATTCAGCATTCAATTTGGAATCTAAAAAGCTAAAATCTGGGGAAAGAGAAGTTGTATCCAAT
 GGCCTTCTGCTATGGAACCGAGCCGCCATTCAAGGGAACGCTTTTGTAGAGTAAAAATGGAGATTAC
 CATTACTATGGCTACGGGACTAAGAAGGACTACGAAACAGCAGCCACACACTACAGCATCGCAGCAGACA
 AGCATCACAGTGACAAGCAATGTTCAACCTGGCATATATGTATGAACATGGCTTGGGATTTGCAAAGGA
 CATTCACTTGGCCAGAAGATTGTACGACATGGCTGCTCAGACAAGCCAGATGCTCACATACCTGTGTTC
 TTTGCCCTTATGAACTGGAAACCATGCATCTGCTCCATGATATCCTGTTTTTAAATTTTACCATGAAAT
 GGAATGGCTGAACTGGACAGCACTGTTGGACCATACTGGGATTTATTGGTGATTGGCCTAATTGTTGC
 CATGCTGATCTTCTGCTTAGAAATCGCCATAGG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001033296
- Insert Size:** 2067 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_001033296.2](#), [NP_001028468.1](#)

RefSeq Size: 2219 bp

RefSeq ORF: 2067 bp

Locus ID: 228684

UniProt ID: [Q3V172](#)

Cytogenetics: 2 F3