

## Product datasheet for **RN207474**

### Sel112 (NM\_001014049) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sel112 (NM_001014049) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sel112
Synonyms:	RGD1311278
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN207474 representing NM\_001014049  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAATCCCTTGCTTTGTTAGTAGAGATATTGATCATTATTGAGGTCACAACAAAAACAGTGAAGCAG  
 AAAGATATAACAGAAAAAAGAAAGTGAATGTCACCACACAGGTATCAGTGAGCAAAGTCAAGCAGTT  
 TTTATCGCATCTACTGGAACAAGAAAAAGCAAATAAAATAGCCAATAAAAGAGAAAAATCCCTTAGAAAA  
 AAGAAGCATCAACATAAGTTAAAAATAAAAGGAATTCAAAATAAGAATCTCCTGAAGAGAAATCAAACT  
 ACTTCAAAAAGCCAGCCAAGAAAAAGTATCACAGATAAAGGAGATGAGTTATTTAAGATGGCAACAAGAT  
 TCTCCAGGAGTCTAAAAGTCAAAAACAAAAACAGAAGCCTACACATTCTCCACCAGAGCAGCCGACATG  
 GGAAATTTGAAAGCTATGGAAAAATGGCTGACGCTTTGCTATTTGGAAGTTTCGGCATGCAAAACATAA  
 CAGCAGCTATCCAGTTATACGAGTCCTTGGCTAAAGAAGGATCATACAAAGCCAAAATGCATTGGGATT  
 TTTATCTTCTTATGGAATAGGAATGGAATATGACCAAGCCAAGGCACTGATATATTATACCTTTGGAAGT  
 GCTGGAGGGAGCATGATGTCAGATGATTCTGGGTACAGATACTTGTGAGGAATTAATGTTCTGCAAA  
 ATTGTGAAGTTGCTCTAAATCATTACAAGAAAGTGGCAGATTATATTGCTGACAAATTGAAAAAAGTGA  
 AGGATTTCCCGTGAAAAAGTGAAGGCTAACCGAGAGACCTGAGAATCTGAGTTCCAACAGTGAGATTTTG  
 GATTGGGACATATACCAATACTATAAGTTTTTGGCAGAAAAGAGGAGATGTTCCAGATACAAGTATCTTTG  
 GACAATTGCATCTAATTGGGAGAAAAGTCTAGATCAAGATTACAGTAAGGCCTTATACTACTTTCTAAA  
 GGCAGCAAAAAGCTGGGAGTGCAATGCCATGCCATTTATAGGAAAAGATGATTTAGAGGGGAACGCTGCT  
 GCACCACAAAATATGCCACTGCCTTCAAATACTTCCATGGCGGCCAGCAAGGGCAATGCAATTGGTC  
 TTCATGGACTCGGTCTCTTTTACTTCCATGGAAAAGGTGTTCCGTGTAATTATGGCGAAGCACTTAAATA  
 CTTCCAGAAAGCTGCAGAGAAGGGATGGCCAAAACGCACAGTTCCACCTAGGCTTCACTACTCTGGC  
 TCTGGAGTATGGAAGGATTATAAGCTTGCCCTCAAATATTTTTACTTGGCATCTCAGAGTGGGCAGCCTC  
 TCGCCATTTATTATCTAGCCGAGATGTACGCAACTGGCACCAGGAGTGTGAGATCCTGCAGAACGGCCGT  
 GGAGCCTTATAAAGGAGTCTGTGAAGTGGCCACTGGGCTGAGAAATTCCTGACAGCCTACTTTGCCTAT  
 AAGGATGGGGACGTAGATTCTTCTAATTACGTACGCGTTGCTTGGCGAAATGGGATATGAAGTAGCTC  
 AAAGCAATTCAGCATTCAATTTGGAATCAAAAAAGCTAAAATCTGGGAAAGAGAAGATGTATCCAAT  
 GGCCTTCTGCTATGGAACCGAGCTGCCATTCAAGGGAATGCTTTTGTAGAGTGAATTTGGAGATTAC  
 CATTACTATGGCTACGGACTAAGAAGGACTATGAAACAGCAGCCACACACTACAGCATGCAGCAGACA  
 AGCATCACAGTGCAGCAAGCCATGTTCAACCTGGCATATATGTATGAGCAGGCTTGGGGATTGCACAGGA  
 CATTCACTTGGCCAGAAGATTATACGACATGGCCGCTCAGACAAGCCAGATGCTCACATACCCGTGTTCT  
 TTTGCCCTTATGAAACTGGAACTATGCATTTTCTCCAAGATATCCTGTTTTTAAATTTACCACGAAAT  
 GGAAATGGCTGAAACTGGACAGCACCATTGGACCATACTGGGACTTATTAGTGATTGGCCTAATTGTTGT  
 TGTGCTGATCTTCTGCTTAGAAACCACCATAGG**TAG**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM\_001014049
- 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\\_001014049.1](#), [NP\\_001014071.1](#)

**RefSeq Size:** 2238 bp

**RefSeq ORF:** 2067 bp

**Locus ID:** 311470

**UniProt ID:** [Q5XI05](#)

**Cytogenetics:** 3q41