

## Product datasheet for **MC220638**

### Sec14I5 (NM\_001127725) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sec14I5 (NM_001127725) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sec14I5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC220638 representing NM\_001127725  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGTGC AAAAATATCAGTCTCCTGTCCGAGTATACAAGTATCCATTCGAGCTGGTCATGGCGCCCTACG  
 AGAAGCGCTTCCCCACCTGCCCGCTTATCCAGCTTTCTG GGGAGTGAAGTCCTGGGCGAGTGGCGGAG  
 CACAGATGGGGCAGTGCACACCGTGGAGCGGAGCTGCAGGCTGCGAGTGGATGCCCGCGGCTGCTGCGG  
 AAGATTGCTGGTGTGGAGCACGTGGTCTTCATTAGAGAAACGTCCTGAACTGGAGAGAGAGAACGCTGC  
 TGATAGATGCTCACAATGAGACGTTTGGAGCCGAGTGCAGTGAAGGAGAGCTGCCGCTACACAGTCCA  
 TCCTGAGAATGAAGACTGGACTTGCTTTGAACAGTCTGCCTCCCTGGATGTCGGCTCTTTCTTTGGCTTT  
 GAAAGCACGTTGGAGAAGATCGCCATGAAGCAGTACACTGCCAATGTCAAGAGGGGGAAGGAGGTGATTG  
 AACACTATCTGAATGAGCTCATTCCCAGGGAACATCCCACATCCCGCTGGACACCAGCCCCAGTCCA  
 GGAGGAGGACGTCGCAGCCAGCTTGTGCCCGAGTGCCTAGCTCCCTGGACATGGAGGGTCCCAGTGAT  
 GCCCCAGGCCCTGCTTCTGAGATGGCCATAGCGGATGGGACAAGCTGGATGCAGACTACATTGAGAGAT  
 GTCTGGGCCATCTCAGTCCCATGCAGGAGAGTTGCCTGGTTTCAGCTTCGGCACTGGTTACAGGAGACCCA  
 CAAAGGCAAGATCCCAAGACGAGCATATCCTGCGCTTCTGAGGGCACGAGACTTCCACCTGGACAAG  
 GCCCGGACATGTTGTGCCAGTCTTGGAGTGGCGGAAGCAGCACCAGGTGGATCTCCTTCTGCAGACCT  
 GGGCGCCCCCTCCCCCTGCAGGAGTTCTATGCTGGAGGCTGGCACTACCAGGATATAGATGGCCGCC  
 CCTTTACATCTGCGCTGGGACAGATGGACACAAAGGCCTGATGAAGGCGGTAGGAGAGGAAGCTCTG  
 CTGCAGCACGTTCTTTCTGTCAATGAGGAAGGACAGAAGAGATGCGAAGGGAACACGAGACAATTTGGGC  
 GTCCCATCAGCTCCTGGACCTGCTTGTGGACCTGGAGGGCCTCAACATGCGGCATTTGTGGCGACCTGG  
 AGTGAAGGCCCTACTGCGGATGATCGAGGTGGTAGAGGACAATTACCCCGAGACTCTGGCAGGCTGCTC  
 ATCGTGC GTCTCCCGAGTCTTCCAGTGCTATGGACTGGTTCAGCCCTTCATCAATGAGAACCCA  
 GCGGAAGTTCCTCATCTACAGTGGCAGTAATTACCAGGGCCTGGCGCCTAGTGGACTATCTGGACAA  
 GGATGTGATCCCTGACTTCTCGGAGGGGAGAGCGTGTGTAATGTTCCAGAAGGAGGGATGGTCCCCAAG  
 TCCCTCTATCTGACAGAGGAGGAGCAGGAGCAGGCTGACCAGCTACAGCAGTGGAGTGAACCTACCATT  
 CTGCCAGTGTCTCCGAGGGACCCCTATGAGGTTGCCATGGAGATACCAGAAGGGGAGTCACTCATCAC  
 CTGGGACTTTGATATCCTCAGAGGGGATGTGGTGTTCAGTCTGTACCATGCAAAGCAGGCACCCAAGCTC  
 AGTCCCCAGGAGCTGGAGTGGAGCCAGTGGCAGCTGATTGACAAGAGCTGGATCCTGGGGTGGATT  
 ACAGCCGTGTAGAGGCACCCCTCATCTGCCGGGAAGGGCAGAGCATTACGGGCTCCCATGTTACTCAGTG  
 GCCTGGCATCTACCTGCTCCAGTGGCAGATTACAGTTCCCTGAGAGTGTGGCCTGCAGTCTCCAGGT  
 GTGGATGACGTCCTGACGGCTCTGCACAGCCCTGGCCCCAAGTGAAGCTGCTGTACTACTGTGAAGTGC  
 TGGCATCTGAAGACTTTAGGGGCTCCATGTCCAGCCTGGAATCCTGTGCCAGCCGCTTCTCAGCTCAG  
 CGCCACCACCTCTTCTCTCTGCGCAGTCCCACAGTGGCTCGATGGTGTCCAGATAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001127725
- Insert Size:** 2091 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\\_001127725.1](#), [NP\\_001121197.1](#)

**RefSeq Size:** 2337 bp

**RefSeq ORF:** 2091 bp

**Locus ID:** 665119

**Cytogenetics:** 16 A1