

## Product datasheet for **MC219325**

### Slain1 (NM\_198014) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Slain1 (NM_198014) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slain1
Synonyms:	9630044O09Rik; AA675320; AW742596
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC219325 representing NM\_198014  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGATGGCGGAGCAGGTGAAATGCGCCTCGCCGGTGGCGGCCCTCCGGCGCCGGCCCGGGCCGGTGGTGA  
 ACGCCGAGCTGGAGGTGAAGAAGCTGCAGGAGCTGGTGCACAAGCTGGAGAAGCAGAACGAGCAGCTGCG  
 CAGCCGGGCGGCCAGTGCGGCCCGCCCGCCCGCACCTGCTGCTGCAGCCGCGCCGCCCTCCGCCCCG  
 CCGCCAGCCGGGCGCTGCAGCCCGCTCGCCACGCACAGGGCCCGGCCAGCACGACCTCCCGGGCCCGG  
 GGGCGCTGGGCCCGCGTTCCCGGGCACCTACTGCTTGCCAGCCCGCGCCCTCCCTGCTCTGCAGCCT  
 GCAGCCGGCTGACGCGCCCTTCGTCTACTCCAAGCCGGCGGGGCTTCTTCGGCGGAGGTGGCAGCCCG  
 GAACCGGGGACCCAGGGACCCCGCGGGGAAGCCGCCAGCCCGCGTTCGCCCTCCAACGCTGCTGG  
 ACGAGGTGGAGCCGCTGGACCTGGAGAGCTTGGCCGCTGGAGCGAGGAGGAGACTACACCTGGTTATA  
 TGTTGGCTCTTCAAAGACATTCACCTACCAGAGAAATCCCCGAGTCTTTCAGTGGTGTAGACATGTC  
 CTAGATAACCCAACTCCTGAGATGGAAGCAGCCAGACGCTCTCTGCGCTTCAGACTGGAGCAAGTTATA  
 CCTCCAGGGGCTCTCCACTTAGTCCGCAGTCATCCATCGACAGTGAAGTACCTCGGAGTTGGAGGA  
 TGACTCTATATCCATGGGATATAAATTACAGGACCTTACTGATGTTTACAGATCATGGCTCGCTGCAAGAA  
 GAGAGTCTCAGGCAAGACTACGCTTCCACGTCAGCATCAGTGTCCAGAAACAGTTCAGTGTATCCCTGA  
 GTTCAGGGAAAAAGGGGACATGCAGTGTCAAGAGTATGATCGTACAGCCTGGAGGACGAGGAAGAGTT  
 TGACCATCTGCCGCCACCCAGCCCGTCTTCCGAGGTGTTACCTTTCCAAAGAGGGATCCCCACTCA  
 CAGACTTCTCCAGCATCCGGGATTGCAGGAGGAGCCCGAGTACCCAGTATTTCCCTCAAATAACTTCC  
 AGCAGCCACAGTATTACCCACCTCAAGCCAGACTGCAGACCAGCAACCAATAGGACCAATGGAGATAA  
 GCTACGAAGAAGCATGCCTAATCTGGCCGGATGCCGAGCACCGCTGCGGCCAGCAGCAACCTCAGCTCT  
 CCTGTGACAGTGAAGGAGCAGTCAAGACTTGTACTCCAGCTTGCATGGAGCTGGAAGTGGGGTTTCTCGGG  
 TACCGTCTGCATCCCGTACCAGGACAGATTCAGCACAGAGTTCACAGCGTGGGCCACTTCCAGTGCC  
 CATCCGGCAGCCCTGAAGGCCACAGCCTATGTGAGCCCAACTGTTCAAGGCAGCAGCAGCAGCGGCAGC  
 AGTGGTAGCAGCGCGGCAGCGGCAGCGGCATGCCTTTATCCAATGGCACGCAGTTATATCCACCAGG  
 GCATCCCTACTCCGAACAAAGCTGCGGCTTCTGGGATCCTGGGTCGACGCGCCCTCCGAGACCTTCACT  
 GGCAATAAATGGGAGTAACCTGCCTCGGAGCAAGATTGCACAGCCTGTCAGAAGCTTCTGCAGCCTCCC  
 AAGCCTCTGTCTTCACTCAGCACACTGAGGGATGAAATTGGAGAGACGGTTGTACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_198014
- Insert Size:** 1740 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\\_198014.2](#), [NP\\_932131.2](#)

**RefSeq Size:** 2757 bp

**RefSeq ORF:** 1740 bp

**Locus ID:** 105439

**UniProt ID:** [Q68FF7](#)

**Cytogenetics:** 14 E2.3

**Gene Summary:** Microtubule plus-end tracking protein that might be involved in the regulation of cytoplasmic microtubule dynamics, microtubule organization and microtubule elongation.  
[UniProtKB/Swiss-Prot Function]