

## Product datasheet for MC211205

### Senp8 (NM\_027838) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Senp8 (NM\_027838) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Senp8  
**Synonyms:** 9130010J17Rik; AU020827; Den1; Nedp1; Prsc2  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC211205 representing NM\_027838  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGACCTGTGGTCTTGAGTTATATGGACAGTCTATTGCGGCAATCAGATGTCTCACTATTGGACCTC  
 CAAGCTGGCTCAACGACCACATTATTGGGTTTGCCTTTGAATACTTTGCCAATAGTCAGTTTCATGACTG  
 CTCAGACCATGTCTGTTTCATCAGCCCTGAAGTCACCCAGTTCATTAAGTGCACCAGCAGCCCTGCAGAA  
 ATTGCCATGTTCCCTTGAACCCCTGGATCTTCCCCACAAAAGAGTGGTATTTTTAGCCATCAATGATAATT  
 CTAACCAGGCAGCCGGAGGTACCACTGGAGTTTGTGGTTTATCTCAAGATAAAAAATAGCTTCTTTCA  
 TTATGATTTCCCATAGCAGGAGCAACTCAATCCATGCAAAGCAGGTAGCAGAGAACTGAAGGCTTTCTTA  
 GGCAGCAAAGGAGACAACTGGTCTTTGTGGAAGAGAAAGCCCCAGCTCAAGAGAACAGCTATGACTGTG  
 GGATGTACGTGATATGTAACACCGAGGCCTTGTGTCAGAGTCTCTTTAGACGGCAGCCAGAGTCCCCGCT  
 GCAGCTACTCACCCGACATACATCACAAAGAAGAGAGGAGAATGGAAAGATCTAATTGCCAGACTTGCT  
 AAAAAAACGAAGTAGCTACTGAAGAATGCTCG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_027838  
**Insert Size:** 666 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_027838.3</a></u> , <u><a href="#">NP_082114.1</a></u>
<b>RefSeq Size:</b>	3682 bp
<b>RefSeq ORF:</b>	666 bp
<b>Locus ID:</b>	71599
<b>UniProt ID:</b>	<u><a href="#">Q9D2Z4</a></u>
<b>Cytogenetics:</b>	9 B
<b>Gene Summary:</b>	<p>Protease that catalyzes two essential functions in the NEDD8 pathway: processing of full-length NEDD8 to its mature form and deconjugation of NEDD8 from targeted proteins such as cullins or p53.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (4) differs in the 5' UTR, compared to variant 1. Variants 1-4 all encode the same isoform (a), which is shorter than isoform (b).</p>