

Product datasheet for **MC211204**

Senp8 (NM_001172071) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Senp8 (NM_001172071) 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: >MC211204 representing NM_001172071
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCTTCTGGAATTTCTGAGAATCCCTGCTCAATACAAGATGGACCCTGTGGTCTTGAGTTATATGGACA
GTCTATTGCGGCAATCAGATGTCTCACTATTGGACCCTCAAGCTGGCTCAACGACCACATTATTGGTT
TGCTTTGAATACTTTGCCAATAGTCAGTTTCATGACTGCTCAGACCATGTCTGTTTCATCAGCCCTGAA
GTCACCCAGTTCAATTAAGTGCACCAGCAGCCCTGCAGAAATTGCCATGTTCCCTTGAACCCCTGGATCTTC
CCCACAAAAGAGTGGTATTTTTAGCCATCAATGATAATTCTAACCAGGCAGCCGGAGGTACCCACTGGAG
TTTGTGGTTTATCTCCAAGATAAAAAAGCTTCTTTTATTATGATTCCCATAGCAGGAGCAACTCAATC
CATGCAAAGCAGGTAGCAGAGAACTGAAGGCTTTCTTAGGCAGCAAAGGAGACAACTGGTCTTTGTGG
AAGAGAAAGCCCCAGCTCAAGAGAACAGCTATGACTGTGGGATGTACGTGATATGTAACCCGAGGCCTT
GTGTCAGAGTCTCTTTAGACGGCAGCCAGAGTCCCCGCTGCAGCTACTCACCCCGACATACATCACAAAG
AAGAGAGGAGAATGAAAAGATCTAATTGCCAGACTTGCTAAAAAAACGAAGTAGCTACTGAAGAATGCT
CGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001172071
Insert Size: 705 bp



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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:	<ol style="list-style-type: none">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:	<u>NM_001172071.1</u> , <u>NP_001165542.1</u>
RefSeq Size:	3792 bp
RefSeq ORF:	705 bp
Locus ID:	71599
UniProt ID:	<u>Q9D2Z4</u>
Cytogenetics:	9 B
Gene Summary:	<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 (5) lacks an alternate exon and includes an uses an start codon, compared to variant 1. The resulting isoform (b) has a longer N-terminus, compared to isoform a.</p>