

Product datasheet for MC206941

Senp8 (NM_001172069) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Senp8 (NM_001172069) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Senp8
Synonyms:	9130010J17Rik; AU020827; Den1; Nedp1; Prsc2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC206941 representing NM_001172069. Blue=ORF Red=Cloning site Green=Tag(s)

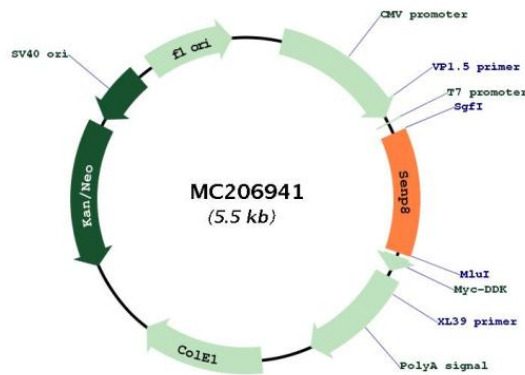
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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGACCCTGTGGTCTTGAGTTATATGGACAGTCTATTGCGGCAATCAGATGTCTCACTATTGGACCCT
CCAAGCTGGCTCAACGACCACATTATTGGGTTTGCCTTTGAATACTTTGCCAATAGTCAGTTTCATGAC
TGCTCAGACCATGTCTGTTTCATCAGCCCTGAAGTCACCCAGTTCATTAAGTGCACCAGCAGCCCTGCA
GAAATTGCCATGTTCTTGAACCCCTGGATCTTCCCCACAAAAGAGTGGTATTTTAGCCATCAATGAT
AATTCTAACCAGGCAGCCGGAGGTACCCACTGGAGTTTGTGGTTTATCTCCAAGATAAAAAATAGCTTC
TTTCATTATGATTCATAGCAGGAGCAACTCAATCCATGCAAAGCAGGTAGCAGAGAACTGAAGGCT
TTCTTAGGCAGCAAAGGAGACAACTGGTCTTTGTGGAAGAGAAAGCCCCAGCTCAAGAGAACAGCTAT
GACTGTGGGATGTACGTGATATGTAACACCGAGGCCTTGTGTGAGTCTCTTTAGACGGCAGCCAGAG
TCCCCGCTGCAGCTACTACCCCGACATACATCACAAGAAGAGAGGAGAATGGAAGATCTAATTGCC
AGACTTGCTAAAAAACAAGTAGTACTGAAGAATGCTCGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:



ACCN: NM_001172069

Insert Size: 666 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_001172069.1](#)

RefSeq Size: 3794 bp

RefSeq ORF: 666 bp

Locus ID: 71599

UniProt ID: [Q9D2Z4](#)

Cytogenetics: 9 B

MW: 25.1 kDa

Gene Summary: 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]
Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1. Variants 1-4 all encode the same isoform (a), which is shorter than isoform (b).