

Product datasheet for RN204961

Senp8 (NM_001012355) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Senp8 (NM_001012355) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Senp8
 Synonyms: MGC109243
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN204961 representing NM_001012355
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGACCTGTGGTCTTGAGTTATATGGACAGTCTATTGCGACAATCAGATGTCTCACTATTGGACCTC
 CAAACTGGCTCAACGACCACATTATTGGGTTTGCCTTTGAATACTTTGCCAGTAGTCAGTTTCATGATTG
 CTCAGACCATGTCTGCTTCATCAGCCCTGAAGTCACCCAGTTCATTAAGTGCACCAGCAGCCCTGCAGAG
 ATTGCCATGTTTCCTTGAACCCCTGGATCTTCCCCACAAAAGAGTGGTATTTTTAGCCATCAATGATAATT
 CTAACCAGGCAGCCGGAGGTACCACTGGAGTTTGTGGTTTATCTCAAGATAAAAAATAGCTTCTTTCA
 TTATGATTTCCCATAGCAGGAGCAACTCAATCCATGCAAAAACAGGTAGCAGAGAACTGAAGGCTTTCTTA
 GGGAGCAAAGGAGACAACTGGTCTTTGTGGAAGAGAAAGCCCCAGCTCAACAGAACAGCTATGACTGTG
 GGATGTACGTGATATGTAACACCGAGGCCTTGTGTCAAATCTCTTTAGACGACAGCCAGAATCCCCACT
 GCAGCTCTCACCCGACATACATCACAAGAAGAGGGGAGAATGGAAAGATCTAATTGCCAGACTTGCT
 AAAAAAACCGAAGTAGCTAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001012355
 Insert Size: 654 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_001012355.1</u> , <u>NP_001012355.1</u>
RefSeq Size:	1007 bp
RefSeq ORF:	654 bp
Locus ID:	315723
UniProt ID:	<u>Q5FVJ8</u>
Cytogenetics:	8q24
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]