

Product datasheet for **SC328330**

SENP8 (NM_001166340) Human Untagged Clone

Product data:

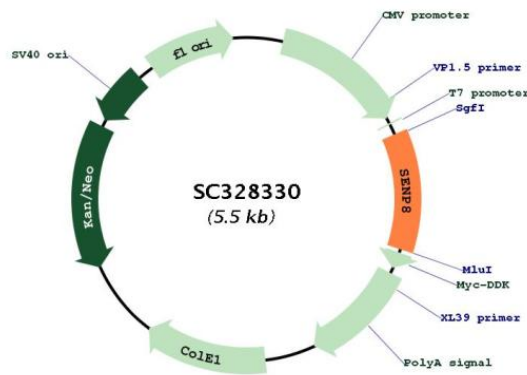
Product Type:	Expression Plasmids
Product Name:	SENP8 (NM_001166340) Human Untagged Clone
Tag:	Tag Free
Symbol:	SENP8
Synonyms:	DEN1; NEDP1; PRSC2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC328330 representing NM_001166340. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGACCCCGTAGTCTTGAGTTACATGGACAGTCTACTGCGGCAATCAGATGTCTCACTATTGGATCCG
CCAAGCTGGCTCAATGACCATAATTATGGGTTTGGCTTTGAGTACTTTGCCAACAGTCAGTTTCATGAC
TGCTCTGATCACGTCAGTTTCATCAGCCCTGAAGTCACCCAGTTCATCAAGTGCCTAGCAACCCAGCA
GAGATTGCCATGTTCTTGAACCACTGGACCTCCCAACAAGAGAGTTGTATTTTAGCCATCAATGAT
AACTCCAACAGGAGCTGGAGGAACCCACTGGAGTTTATTGGTCTACCTCAAGATAAAAAATAGCTTT
TTTCATTATGATTCATAGCAGGAGCAACTCAGTTCACGAAAGCAGGTAGCAGAGAACTGGAGGCT
TTCTTAGGCAGAAAAGGAGACAACTGGCCTTTGTGGAAGAGAAAGCCCTGCCCAACAAAACAGCTAT
GACTGTGGGATGTACGTGATATGTAACACTGAGGCCTTGTGTCAGAACTTCTTTAGGCAACAGACAGAA
TCACTGCTGCAGCTACTCACCCCTGCATACATCAAAAGAAGAGGGGAGAATGGAAAGATCTCATTACC
ACACTTGCTAAAAAGTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: Sgfl-MluI



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Plasmid Map:


ACCN: NM_001166340

Insert Size: 639 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_001166340.1](#)

RefSeq Size:	1680 bp
RefSeq ORF:	639 bp
Locus ID:	123228
UniProt ID:	Q96LD8
Cytogenetics:	15q23
Protein Families:	Druggable Genome, Protease
MW:	24.1 kDa

Gene Summary: This gene encodes a cysteine protease that is a member of the sentrin-specific protease family. The encoded protein is involved in processing and deconjugation of the ubiquitin-like protein termed, neural precursor cell expressed developmentally downregulated 8. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Oct 2009]
Transcript Variant: This variant (1) and variants 2, 3, 4, and 5 encode the same protein.
Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.