

Product datasheet for **SC328334**

SENP8 (NM_001172111) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SENP8 (NM_001172111) Human Untagged Clone
Tag:	Tag Free
Symbol:	SENP8
Synonyms:	DEN1; NEDP1; PRSC2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001172111, the custom clone sequence may differ by one or more nucleotides ATGGACCCCGTAGTCTTGAGTTACATGGACAGTCTACTGCGGCAATCAGATGTCTCACTA TTGGATCCGCCAAGCTGGCTCAATGACCATATTATTGGGTTTGCCTTGAGTACTTTGCC AACAGTCAGTTTCATGACTGCTCTGATCACGTCAGTTTCATCAGCCCTGAAGTCACCCAG TTCATCAAGTGCCTAGCAACCCAGCAGAGATTGCCATGTTCTTGAACCACTGGACCTC CCCAACAAGAGAGTTGTATTTTTAGCCATCAATGATAACTCCAACCAGGCAGCTGGAGGA ACCCAAGAGAGTTATTGGTCTACCTCCAAGATAAAAAATAGCTTTTTTCATTATGATTCC CATAGCAGGAGCAACTCAGTTCACGCAAAGCAGGTAGCAGAGAACTGGAGGCTTTCTTA GGCAGAAAAGGAGACAACTGGCCTTTGTGGAAGAGAAAGCCCTGCCCAACAAAACAGC TATGACTGTGGGATGTACGTGATATGTAACACTGAGGCCTTGTGTCAGAATTCTTTAGG CAACAGACAGAATCACTGCTGCAGCTACTCACCCCTGCATACATCACAAAGAAGAGGGGA GAATGGAAGATCTCATTACCACACTTGCTAAAAAGTAG
Restriction Sites:	Please inquire
ACCN:	NM_001172111
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.



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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_001172111.1, NP_001165582.1</u>
RefSeq Size:	1693 bp
RefSeq ORF:	639 bp
Locus ID:	123228
UniProt ID:	<u>Q96LD8</u>
Cytogenetics:	15q23
Protein Families:	Druggable Genome, Protease
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (5) differs in the 5' UTR compared to variant 1. Variants 1, 2, 3, 4 and 5 encode the same protein. An in-frame AUG is located 44 codons upstream of the annotated translation start site but is not being annotated as a start site since it is not conserved and is in a weak Kozak sequence context. 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.</p>