

Product datasheet for **SC332864**

SENP1 (NM_001267595) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SENP1 (NM_001267595) Human Untagged Clone
Tag:	Tag Free
Symbol:	SENP1
Synonyms:	SuPr-2
Vector:	pCMV6-Entry (PS100001)



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Fully Sequenced ORF: >SC332864 representing NM_001267595.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGATGATATTGCTGATAGGATGAGGATGGATGCTGGAGAAGTGACTTTAGTGAACCACAACCTCCGTA
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TTATCTTCCAGGCAAGGACATTTGGACCGATCTTTACATGTTCCACAAGAAGTCAGACTATAATCCA
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AGTGCAAATGGCCAATGGAGAAATTCTACCCCATCGTCAAGCTCATCTTTACAAAAATCAAGAAACAGC
CGAAGTCTTTACCTCGAAACCCGAAAGACCTCAAGTGGATTATCAAACAGTTTTGCGGGAAAGTCAAAC
CATCACTGCCATGTATCTGCATATGAAAAATCTTTTCTATTAACCTGTTCCAAGTCCATCTTGGAGT
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CCAGATGTTGCATTTGGATCCAAAGATTCTGGTACTCTTCATCATCCCCATCATCCACTCTGTTCCA
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TTCACACAGCAACACATGCCATACTCCGGAAGCGGATGGTCTGGGAGATCCTCCACGAAAACCTTTG
TGA
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001267595

Insert Size: 1935 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_001267595.1](#)

RefSeq Size: 4948 bp

RefSeq ORF: 1935 bp

Locus ID: 29843

UniProt ID: [Q9P0U3](#)

Cytogenetics: 12q13.11

Protein Families: Druggable Genome, Protease

MW: 73.5 kDa

Gene Summary: This gene encodes a cysteine protease that specifically targets members of the small ubiquitin-like modifier (SUMO) protein family. This protease regulates SUMO pathways by deconjugating sumoylated proteins. This protease also functions to process the precursor SUMO proteins into their mature form. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jun 2012]

Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 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.