

Product datasheet for **SC215911**

SENP7 (NM_020654) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SENP7 (NM_020654) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	SENP7
ACCN:	NM_020654
Insert Size:	1768 bp



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Insert Sequence: >SC215911 3'UTR clone of NM_020654
The sequence shown below is from the reference sequence of NM_020654. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTACAGCAACAGAAGGGCAGCAGTAGCTAGTTAATCTGTACAAACATGACACAGATGTTCTTAAGATT
ACTGAAAAGCCTCTTACCAGCATTGTGTAGCCAGCTCACAGAGAAGAAAATAACTTGCAGTAGTTTT
ATAATAAGTCATTGGAACATTATTTAAAATATGTAGGACACATTATTAGAATTGTTGGGATCTCATAGA
TGGAAATGGGAATGGGGGTGATATAGATAAACTTACTAGATATAAAATTTTATAAATTTTCATA
TTTTTCTGAGTAAATATGATTGGATTATGCAACAGCATATGTAATATGGGAATGTTTTGTAGATAATAA
AACTTACATGATCTGACTTCCACGTGACTGGGTGCTGAGGGGAGTTAAAGCCTCCCTGGTCCAGCCC
CAGTGCTTGTCAAATTTGCTGACAGGTCACATCATATTGTAATTCTATTCTTTCAGCTCAAGCATGCA
GTATGAATACTGTGATTTTTTAAAAAATAATTTAGTATCAAGGCTTCAGAAAATGCCATTTACGGCA
TCCTTCTGTATGTAACAAAAGACATTATAATGTTAGGAAGATGATAAAAATTCGCTCTTTTAAAGT
GCAGCTTATTATTCTCAATTGCTAAATACGATTACTCTGCTTTTTTTTTTTCATTCTTTTGATGTCAT
ATGTGAGTATCTTATAATTTAGTTCATTGTTCCAGGGTAAAAATTTGAAACAAAAATTTTACCTGTGCA
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ATCACGGAATTTATGTATAGTTTCTCTAATATAGAAGATAAAATTTGGTGTCTCATAACTTTAACAAAG
AAAACCTCAGTCTATTTAATGGGTAGAATTAATATATAATTTTATAGCTCAGTTTACCCAGTA
TTCATCTGCAAAGCCAGATTGCTCTCATTGCTTTTATATTTTTAAATTTAGCTTTTATAGACCTATGA
TCCTCATGGAACCTAATTTTTTATTAATTTTAAATTTTAAATTTTAAATTTTAAATTTTAAATTTTAA
TTATATATGATTAACACTTCAGAACTTCTAATGTTTATCAGGAGTATTTTGAGGGAGATATGATTATA
TTGATTTTTCTCAGATAAGAAAATGTTTTTAAACAATATTATTTTAAATCTGTTTAAAGCATCTCTTAG
ATTTACATTATAACTACATAAAGCAGTGAAGCAAAGGCAAATTAAGATAAAGCTAGAAAAGCTGAACAT
TTTATTTCAAATCATAACGAATCGGGTCAGTTAAGCCTCAGTATTCTTAGCTTTTGTGATTTTGGCA
CTATCTTTATATTATAAATATATTTGTTGTTGGATTTTCATATAAAGATGGCTATAATTACATATT
TCATTTCCAAATTTGTGTGTTGGGGGACTTTTAAAGGTGACTATTGTTTTGTACATCTAATTTTGG
GAAAGCAAGTCTATAAGACATCTTGTGATTTCTAATGTTTTTGTGATGTTTTTCAAAGATATCAC
TGTCCTTTATCATGTTTTGAAGATTGTTTAAAATTCATTTTCTAAATTAATGTGCAAGTAAATGTTTTG
AGGATATCAGTGTATTTATATAACATATTTCCAATTCATTAATTTGAGGTGTAATTTTTTCTTAAAG
AAACATGAGCTACTGTTAGAAAATAAATTTCCAGTTGTATGCTG
ACGCGTAAAGCGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCACCCGCCCTTCTATGAAAGG
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Restriction Sites: Sgfl-Mlul

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_020654.5](#)

Summary: The reversible posttranslational modification of proteins by the addition of small ubiquitin-like SUMO proteins (see SUMO1; MIM 601912) is required for many cellular processes. SUMO-specific proteases, such as SENP7, process SUMO precursors to generate a C-terminal diglycine motif required for the conjugation reaction. They also display isopeptidase activity for deconjugation of SUMO-conjugated substrates (Lima and Reverter, 2008 [PubMed 18799455]).[supplied by OMIM, Jun 2009]

Locus ID: 57337

MW: 69.2