

Product datasheet for SC212245

Sumo 1 (SUMO1) (NM_003352) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Sumo 1 (SUMO1) (NM_003352) Human 3' UTR Clone
Symbol: Sumo 1
Synonyms: DAP1; GMP1; OFC10; PIC1; SENP2; SMT3; SMT3C; SMT3H3; UBL1
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_003352
Insert Size: 1101 bp
Insert Sequence: >SC212245 3'UTR clone of NM_003352
 The sequence shown below is from the reference sequence of NM_003352. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC
GAACAAACGGGGGTCAATCAACAGTTTAGATATTCTTTTTATTTTTTTCTTTCCCTCAATCCTTTT
TTATTTTTAAAAATAGTTCTTTTGTAAATGGTGTTCAAAACGGAATTGAAAACGGCACCCCATCTCT
TTGAAACATCTGGTAATTTGAATCTAGTGCTCATTATTCATTATTGTTTGTTCATTGTGCTGATTT
TTGGTGATCAAGCCTCAGTCCCCTTCATATTACCCTCTCCTTTTTAAAAATTACGTGTGCACAGAGAGG
TCACCTTTTTCAGGACATTGCATTTTCAGGCTTGTGGTGATAAATAAGATCGACCAATGCAAGTGTTC
TAATGACTTTCCAATTGGCCCTGATGTTTAGCATGTGATTACTTCACTCCTGGACTGTGACTTTTCAGT
GGGAGATGGAAGTTTTTCAGAGAACTGAACTGTGGAAAAATGACCTTTTCTTAACCTGAAGCTACTTTT
AAAATTTGAGGTCTGGACCAAAAAGAAGAGGAATATCAGGTTGAAGTCAAGATGACAGATAAGGTGAGA
GTAATGACTAACTCCAAGATGGCTTCACTGAAGAAAAGGCATTTAAGATTTTTAAAAATCTTGTC
GAAGATCCCAGAAAAGTTCTAATTTTCATTAGCAATTAATAAAGCTATACATGCAGAAATGAATACAAC
AGAACACTGCTCTTTTGTATTTTATTTGACTTTTTGGCCTGGGATATGGGTTTTAAATGGACATTGTC
TGTACCAGCTTCATTAATAAACAATATTTGTAATAAATCATACTAATGCTTATTTTATTTTAAATGTA
TAGAAAGAAAAAATGCCTAAAATAAGGTTTTCTTGATATAAATACTGGAATGACATGGTACAAATT
TTTTCTTCATTACTGTACAGTGATGATGTTAATGACTTTGAAGCACTGAAAGTACTGAAGTGCCTTCT
GAATCAAGGATTTAATTAAGCCACAATACCTTTTTAATACTCAGTGTCTGTTTTTTTTAAAACTTGA
TATTCCTGTATGGTGCATATATGATACAGTTACCTAATCATGTTGAATAAATGGGCATGCCAAAAA
ACGCGTAAAGCGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
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Restriction Sites: Sgfl-MluI



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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:	<u>NM_003352.8</u>
Summary:	This gene encodes a protein that is a member of the SUMO (small ubiquitin-like modifier) protein family. It functions in a manner similar to ubiquitin in that it is bound to target proteins as part of a post-translational modification system. However, unlike ubiquitin which targets proteins for degradation, this protein is involved in a variety of cellular processes, such as nuclear transport, transcriptional regulation, apoptosis, and protein stability. It is not active until the last four amino acids of the carboxy-terminus have been cleaved off. Several pseudogenes have been reported for this gene. Alternate transcriptional splice variants encoding different isoforms have been characterized. [provided by RefSeq, Jul 2008]
Locus ID:	7341
MW:	43