

## Product datasheet for **SC212244**

### Sumo 1 (SUMO1) (NM\_001005782) Human 3' UTR Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | 3' UTR Clones  |
| Product Name:             | Sumo 1 (SUMO1) (NM_001005782) 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_001005782   |
| Insert Size:              | 1112 bp  |
| Insert Sequence:          | >SC212244 3'UTR clone of NM_001005782<br>The sequence shown below is from the reference sequence of NM_001005782. The complete sequence of this clone may contain minor differences, such as SNPs.<br><b>Blue</b> =Stop Codon <b>Red</b> =Cloning site |

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
GAACAAACGGGGGTCAATCAACAGTTAGATATTCTTTTTATTTTTTCTTTCCCTCAATCCTTTT
TTATTTTTAAAAATAGTTCTTTTGTAAATGGTGTTCAAAACGGAATTGAAAACGGCACCCCATCTCT
TTGAAACATCTGGTAATTTGAATCTAGTGCTCATTATTCATTATTGTTTGTTCATTGTGCTGATTT
TTGGTGATCAAGCCTCAGTCCCCTTCATATTACCCTCTCCTTTTTAAAAATTACGTGTGCACAGAGAGG
TCACCTTTTTCAGGACATTGCATTTTCAGGCTTGTGGTGATAAATAAGATCGACCAATGCAAGTGTCA
TAATGACTTTCCAATTGGCCCTGATGTTTAGCATGTGATTACTTCACTCCTGGACTGTGACTTTTCAGT
GGGAGATGGAAGTTTTTCAGAGAACTGAACTGTGGAAAAATGACCTTTCCTTAACTTGAAGCTACTTTT
AAAATTTGAGGTCTGGACCAAAAAGAAGAGGAATATCAGGTTGAAGTCAAGATGACAGATAAGGTGAGA
GTAATGACTAACTCCAAGATGGCTTCACTGAAGAAAAGGCATTTTAAGATTTTTAAAAATCTTGTC
GAAGATCCCAGAAAAGTTCTAATTTTCATTAGCAATTAATAAAGCTATACATGCAGAAATGAATACAAC
AGAACACTGCTCTTTTGTATTTTATTTGACTTTTTGGCCTGGGATATGGGTTTTAAATGGACATTGTC
TGTACCAGCTTCATTAATAAACAATATTTGTAATAAATCATACTAATGCCTTATTTTATTTTAAATGTA
TAGAAAGAAAAAATGCCTAAAATAAGGTTTTCTTGCATAAATACTGAAATGACATGGTACAAATT
TTTTCTTCATTACTGTACAGTGATGATGTTAATGACTTTGAAGCACTGAAAGTACTGAAGTGCCTTCT
GAATCAAGGATTTAATTAAGCCACAATACCTTTTTAATACTCAGTGTCTGTTTTTTTTAAAACTTGA
TATTCCTGTATGGTGCATATATGATACAGTTACCTAATCATGTTGAATAAATGGGCATGCCAAAAATTC
TACTGGA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG

```



[View online >](#)

|                           |  |
|---------------------------|--|
| <b>Restriction Sites:</b> | Sgfl-Mlul  |
| <b>OTI Disclaimer:</b>    | 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).   |
| <b>Components:</b>        | 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.   |
| <b>RefSeq:</b>            | <a href="#">NM_001005782.2</a>   |
| <b>Summary:</b>           | 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] |
| <b>Locus ID:</b>          | 7341   |
| <b>MW:</b>                | 43.4   |