

Product datasheet for SC208235

Sumo 1 (SUMO1) (NM_001005781) Human 3' UTR Clone

Product data:

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| Product Type: | 3' UTR Clones |
| Product Name: | Sumo 1 (SUMO1) (NM_001005781) 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_001005781 |
| Insert Size: | 640 bp |
| Insert Sequence: | <p>>SC208235 3' UTR clone of NM_001005781</p> <p>The sequence shown below is from the reference sequence of NM_001005781. The complete sequence of this clone may contain minor differences, such as SNPs. Red=Cloning site Blue=Stop Codon</p> |

CAATTGGCAGAGCTCAGAATTCAAGCGATCGC

GAACAAACGGGGGTCATTCAACAGTTAGTTTTAAAAATTTGAGGGTCTGGACCAAAGAAGAGGAATAT
 CAGGTTGAAGTCAAGATGACAGATAAGGTGAGAGTAATGACTAACTCAAAGATGGCTTCACTGAAGAAA
 AGGCATTTTAAGATTTTTTAAAAATCTGTGAGAAGATCCAGAAAAGTTCTAATTTTCATTAGCAATTA
 ATAAAGCTATACATGCAGAAATGAATACAACAGAACACTGCTCTTTTTGATTTTATTTGTACTTTTTGGC
 CTGGGATATGGGTTTTAAATGGACATTGTCTGTACCAGCTTCATTAATAAACAATATTTGTAATAATC
 ATACTAATGCTTATTTTATTTAATTGTATAGAAAGAAAAAATGCCTAAAAAAGGTTTTCTTGCAATA
 ATACTGGAATTGCACATGGTACAAATTTTCTTCATTACTGTACAGTGATGATGTTAATGACTTTGAA
 GCACTGAAAGTTACTGAAGTGCCTTCTGAATCAAGGATTTAATTAAGGCCACAATACCTTTTAACTACTC
 AGTGTCTGTTTTTTAAAACTTGATATTCCTGTATGGTGCATATATGATACAGTTACCTAATCATGTT
 GAATAAATGG

ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCG

Restriction Sites: SgfI-MluI

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).



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| 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_001005781.1</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 |