

Product datasheet for **SC203791**

E3 SUMO protein ligase PIAS4 (PIAS4) (NM_015897) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	E3 SUMO protein ligase PIAS4 (PIAS4) (NM_015897) Human 3' UTR Clone
Symbol:	E3 SUMO protein ligase PIAS4
Synonyms:	PIAS-gamma; Piasg; PIASY; ZMIZ6
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_015897
Insert Size:	1541 bp



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Insert Sequence: >SC203791 3'UTR clone of NM_015897
The sequence shown below is from the reference sequence of NM_015897. 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
TCCAGAAAGGCCCTGGTGCCGGCCTGCTGACCCCGGCCGACACTCGACTTCTCTGGTGCTCACCACGC
AGAGGGGCACGGGCCAGCCTCGGGCGCAGAGGGAGGAGTGACCTTTCTTTTTCTTTTTATTGTCGTTTCG
TTTTGTTTTCCACCCTTTTGCCTGGCTCCTGGCACCTGTACCTCTGGACTCTCCTATCGGGGGATTAA
AAAAAAAAAGTAAAATGACAAAAAAGATACAAAAAAGAAAAATGAAACAAAAAGTCAAACCTTTAAAA
ACAAGGCCGGCCACCCACACAGCCGCTCCCGGCTGGAGTCCGAGCCGGGAAGGGGTAGTGGCGGGGA
GGGACCAGGACGCCGCCCGCCCTCCCTCCGGATGCCCGCCGCCCGCCGCTCTGCCACGACC
ATTCCAGCCAGTGCAGGGGACCCGGCGGGCGGGTGGGGCGCAGCCCTCTCTGGCGACCACTTTG
ACGTTTGTCTCTCTTTGCTTTTTCTCTGCAATGCATCCTCGCCAGAGACCCTCACGCGCCGAGCA
CGGAGCGTTTTAGCCGAGAAGCCATGGAGTGGGTGGGGCGGGGAGGGGCAGTAGGGTGGGGGGATGGG
TGGGCAGGATGGGGGTACAGTGGGCGGCTGGGGAGGGTTAGCCACAGATGTGTTGATTTTTTGAAG
TGCAATAATTTGGTATTTGAAGACCCGGCGTGTGGTCAGGAACCCCGGGGAAGGCGGGGGCCAGGG
TGCGGCACCGTGTGGCGTGGGGGGTCTCAGTTTTCTAGCCAGCTACCTCGGTAATTCGAATTCAGGTT
AACTTCCCTACGGAACAGCACAGATGTCCACAGATGTCCACAGCTGCCGCCGCCGCCGCCACCATA
CCCCGGTCTTGGGGCATGGGTGCGGTGCTTCCAAGGGGCAGCAGGGACCCCGCCACCCCGGCTC
TCGTTTTGGGTTGATTCTCTCTTTTTGCTCTTGTTTTCCGACGGGTACGAGGCTGGCCCGCACCC
TGTCGCCCGGGAGCCTCACTCTCCAGCAGGACCAGACCAGGGGCTCCTTCTGTCCCCAGGCGTTCC
CGCCCCCTCGCAGGCCCCACCCATGCCCTTGGCCTCAGGGTCCAACAACCTGGGGGAGCTACCAGGGCTC
TGCTTACAGGAGCCACAGCTGGGCACCCCTTGCCCCGAGGAGACCGGGGCGCAGGCGGGGACCG
GCCTCACCTGGTTCTCCAACACCGCTGCCTGCGGTCTGTTTTGCTTTTGTCTCCCAGCCAGAATTT
TCCTTTGTATAAACAGAACTCTAGTCAGGAAGCAATATCATTTTCAGGTCTAAAGAAAGGGACGTGCAT
CTGGCCGAGGGCAGTTCAGTCTCACTGCAGAGCCCGCAGCCCGCTGCGCAGCTCGGCCCTCCCGCCG
CACGGGCAGCTGAAGCCGCTGTTTTCTAATATTTGATTCTAATTTAATGTTTTTAAAAAATGCAAA
TAAAAAAGGTCGAGGTGAAGCCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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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).

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_015897.4](#)

Summary:	Functions as an E3-type small ubiquitin-like modifier (SUMO) ligase, stabilizing the interaction between UBE2I and the substrate, and as a SUMO-tethering factor. Plays a crucial role as a transcriptional coregulation in various cellular pathways, including the STAT pathway, the p53/TP53 pathway, the Wnt pathway and the steroid hormone signaling pathway. Involved in gene silencing. Mediates sumoylation of CEBPA, PARK7, HERC2, MYB, TCF4 and RNF168. In Wnt signaling, represses LEF1 and enhances TCF4 transcriptional activities through promoting their sumoylations. Enhances the sumoylation of MTA1 and may participate in its paralog-selective sumoylation.[UniProtKB/Swiss-Prot Function]
Locus ID:	51588
MW:	55.1