

## Product datasheet for **RC206748L4V**

### **E3 SUMO protein ligase PIAS4 (PIAS4) (NM\_015897) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	E3 SUMO protein ligase PIAS4 (PIAS4) (NM_015897) Human Tagged ORF Clone Lentiviral Particle
Symbol:	E3 SUMO protein ligase PIAS4
Synonyms:	PIAS-gamma; Piasg; PIASY; ZMIZ6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_015897
ORF Size:	1530 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206748).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_015897.2</a>
RefSeq Size:	1835 bp
RefSeq ORF:	1533 bp
Locus ID:	51588
UniProt ID:	<a href="#">Q8N2W9</a>
Cytogenetics:	19p13.3
Domains:	SAP, zf-MIZ



[View online »](#)

<b>Protein Families:</b>	Transcription Factors
<b>Protein Pathways:</b>	Jak-STAT signaling pathway, Pathways in cancer, Small cell lung cancer, Ubiquitin mediated proteolysis
<b>MW:</b>	56.5 kDa
<b>Gene Summary:</b>	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]