Product datasheet for RC200241L2V

Sumo 3 (SUMO3) (NM_006936) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Sumo 3 (SUMO3) (NM_006936) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Sumo 3
Synonyms:	SMT3A; Smt3B; SMT3H1; SUMO-3
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_006936
ORF Size:	309 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200241).
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. More info
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:	NM_006936.2
RefSeq Size:	1831 bp
RefSeq ORF:	312 bp
Locus ID:	6612
UniProt ID:	P55854
Cytogenetics:	21q22.3
Domains:	UBQ
Protein Families:	Druggable Genome

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MW: 11.6 kDa

Gene Summary: This gene encodes a member of the small ubiquitin-related modifier (SUMO) family of eukaryotic proteins. The encoded protein is covalently conjugated to other proteins via a post-translation modification known as sumoylation. Sumoylation may play a role in a wide variety of cellular processes, including nuclear transport, DNA replication and repair, mitosis, transcriptional regulation, and signal transduction. Alternatively spliced transcript variants encoding distinct proteins have been described. [provided by RefSeq, Feb 2014]