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Product datasheet for RC210068L2V

SENP3 (NM_015670) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SENP3 (NM_015670) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SENP3
Synonyms:	SMT3IP1; SSP3; Ulp1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_015670
ORF Size:	1722 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210068).
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_015670.4, NP_056485.2
RefSeq Size:	2509 bp
RefSeq ORF:	1725 bp
Locus ID:	26168
UniProt ID:	Q9H4L4
Cytogenetics:	17p13.1
Domains:	Peptidase_C48
Protein Families:	Druggable Genome, Protease

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MW: 65 kDa

Gene Summary: The reversible posttranslational modification of proteins by the addition of small ubiquitin-like SUMO proteins (see SUMO1; MIM 601912) is required for numerous biologic processes. SUMO-specific proteases, such as SENP3, are responsible for the initial processing of SUMO precursors to generate a C-terminal diglycine motif required for the conjugation reaction. They also have isopeptidase activity for the removal of SUMO from high molecular mass SUMO conjugates (Di Bacco et al., 2006 [PubMed 16738315]).[supplied by OMIM, Jun 2009]