

Product datasheet for **RC213850L2V**

SUMO4 (NM_001002255) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SUMO4 (NM_001002255) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SUMO4
Synonyms:	dj281H8.4; IDDM5; SMT3H4; SUMO-4
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_001002255
ORF Size:	285 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213850).
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_001002255.1
RefSeq Size:	702 bp
RefSeq ORF:	288 bp
Locus ID:	387082
UniProt ID:	Q6EEV6
Cytogenetics:	6q25.1
MW:	10.7 kDa



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Gene Summary:

This gene is a member of the SUMO gene family. This family of genes encode small ubiquitin-related modifiers that are attached to proteins and control the target proteins' subcellular localization, stability, or activity. The protein described in this record is located in the cytoplasm and specifically modifies IKBA, leading to negative regulation of NF-kappa-B-dependent transcription of the IL12B gene. A specific polymorphism in this SUMO gene, which leads to the M55V substitution, has been associated with type I diabetes. The RefSeq contains this polymorphism. [provided by RefSeq, Jul 2008]