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Product datasheet for RC209894L4V

SPOPL (NM_001001664) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SPOPL (NM_001001664) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SPOPL
Synonyms:	BTBD33
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001001664
ORF Size:	1176 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209894).
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_001001664.1
RefSeq Size:	5741 bp
RefSeq ORF:	1179 bp
Locus ID:	339745
UniProt ID:	Q6IQ16
Cytogenetics:	2q22.1
MW:	44.6 kDa

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Gene Summary: Component of a cullin-RING-based BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex that mediates the ubiquitination and subsequent proteasomal degradation of target proteins, but with relatively low efficiency. Cullin-RING-based BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complexes containing homodimeric SPOPL or the heterodimer formed by SPOP and SPOPL are less efficient than ubiquitin ligase complexes containing only SPOP. May function to down-regulate the activity of cullin-RING-based BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complexes that contain SPOP.[UniProtKB/Swiss-Prot Function]