Product datasheet for RC211261L2V

SMUBP2 (IGHMBP2) (NM_002180) Human Tagged ORF Clone Lentiviral Particle

Product data:

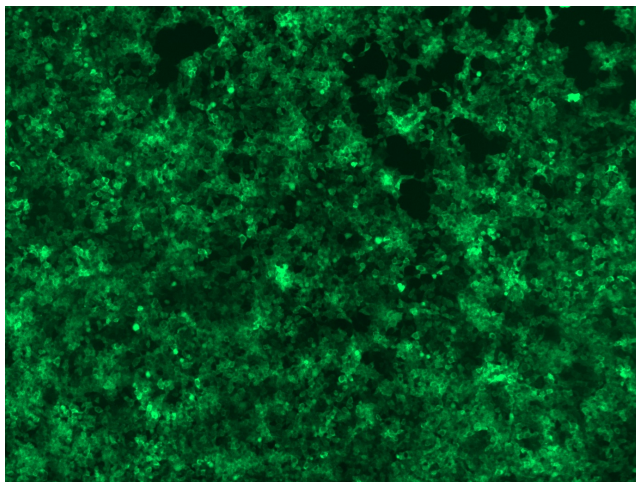|	
Product Type:	Lentiviral Particles
Product Name:	SMUBP2 (IGHMBP2) (NM_002180) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SMUBP2
Synonyms:	CATF1; CMT2S; HCSA; HMN6; SMARD1; SMUBP2; ZFAND7
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_002180
ORF Size:	2979 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211261).
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_002180.2
RefSeq Size:	3955 bp
RefSeq ORF:	2982 bp
Locus ID:	3508
UniProt ID:	P38935
Cytogenetics:	11q13.3
Domains:	ZnF_AN1, R3H, DEAD, AAA
Protein Families:	Transcription Factors

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MW: 109 kDa

Gene Summary: This gene encodes a helicase superfamily member that binds a specific DNA sequence from the immunoglobulin mu chain switch region. Mutations in this gene lead to spinal muscle atrophy with respiratory distress type 1. [provided by RefSeq, Jul 2008]

Product images:

[RC211261L2] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC211261L2V particle to overexpress human IGHMBP2-mGFP fusion protein.