

## OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

## Product datasheet for RC230417L4V

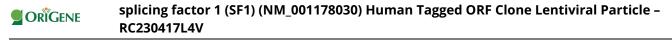
## splicing factor 1 (SF1) (NM\_001178030) Human Tagged ORF Clone Lentiviral Particle

## **Product data:**

Product Type:	Lentiviral Particles
Product Name:	splicing factor 1 (SF1) (NM_001178030) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SF1
Synonyms:	BBP; D11S636; MBBP; ZCCHC25; ZFM1; ZNF162
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001178030
ORF Size:	2019 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC230417).
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. <u>More info</u>
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:	<u>NM 001178030.1</u>
RefSeq ORF:	2022 bp
Locus ID:	7536
UniProt ID:	<u>Q15637</u>
Cytogenetics:	11q13.1
Protein Families:	Transcription Factors
MW:	72.2 kDa



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US



Gene Summary:This gene encodes a nuclear pre-mRNA splicing factor. The encoded protein specifically<br/>recognizes the intron branch point sequence at the 3' splice site, together with the large<br/>subunit of U2 auxiliary factor (U2AF), and is required for the early stages of spliceosome<br/>assembly. It also plays a role in nuclear pre-mRNA retention and transcriptional repression.<br/>The encoded protein contains an N-terminal U2AF ligand motif, a central hnRNP K homology<br/>motif and quaking 2 region which bind a key branch-site adenosine within the branch point<br/>sequence, a zinc knuckles domain, and a C-terminal proline-rich domain. Alternative splicing<br/>results in multiple transcript variants. [provided by RefSeq, Oct 2016]

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US