

Product datasheet for **RC222762L4V**

SF3B2 (NM_006842) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SF3B2 (NM_006842) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SF3B2
Synonyms:	Cus1; SAP145; SF3b1; SF3B145; SF3b150
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006842
ORF Size:	2685 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222762).
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_006842.2
RefSeq Size:	2902 bp
RefSeq ORF:	2688 bp
Locus ID:	10992
UniProt ID:	Q13435
Cytogenetics:	11q13.1
Domains:	SAP, PSP, DUF382
Protein Pathways:	Spliceosome



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MW: 100.7 kDa

Gene Summary: This gene encodes subunit 2 of the splicing factor 3b protein complex. Splicing factor 3b, together with splicing factor 3a and a 12S RNA unit, forms the U2 small nuclear ribonucleoproteins complex (U2 snRNP). The splicing factor 3b/3a complex binds pre-mRNA upstream of the intron's branch site in a sequence-independent manner and may anchor the U2 snRNP to the pre-mRNA. Splicing factor 3b is also a component of the minor U12-type spliceosome. Subunit 2 associates with pre-mRNA upstream of the branch site at the anchoring site. Subunit 2 also interacts directly with subunit 4 of the splicing factor 3b complex. Subunit 2 is a highly hydrophilic protein with a proline-rich N-terminus and a glutamate-rich stretch in the C-terminus. [provided by RefSeq, Jul 2008]