

Product datasheet for **MR211816L3V**

Sf3b3 (NM_133953) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Sf3b3 (NM_133953) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Sf3b3
Synonyms:	1810061H24Rik; 5730409A01Rik; AA409318; D8Ertd633e; mKIAA0017; RSE1; SAP130
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_133953
ORF Size:	3651 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211816).
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_133953.2 , NP_598714.1
RefSeq Size:	4299 bp
RefSeq ORF:	3654 bp
Locus ID:	101943
UniProt ID:	Q921M3
Cytogenetics:	8 57.73 cM



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Gene Summary:

Involved in pre-mRNA splicing as a component of the splicing factor SF3B complex, a constituent of the spliceosome. SF3B complex is required for 'A' complex assembly formed by the stable binding of U2 snRNP to the branchpoint sequence (BPS) in pre-mRNA. Sequence independent binding of SF3A/SF3B complex upstream of the branch site is essential, it may anchor U2 snRNP to the pre-mRNA. May also be involved in the assembly of the 'E' complex. Belongs also to the minor U12-dependent spliceosome, which is involved in the splicing of rare class of nuclear pre-mRNA intron.[UniProtKB/Swiss-Prot Function]