

Product datasheet for **MR200641L4V**

Sf3b6 (NM_025323) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Sf3b6 (NM_025323) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Sf3b6
Synonyms:	0610009D07Rik; 6030419K15Rik; AV001342; Sf3b14
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_025323
ORF Size:	378 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR200641).
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_025323.2 , NP_079599.1
RefSeq Size:	1133 bp
RefSeq ORF:	378 bp
Locus ID:	66055
UniProt ID:	P59708
Cytogenetics:	12 A1.1



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Gene Summary:

Involved in pre-mRNA splicing as a component of the splicing factor SF3B complex. SF3B complex is required for 'A' complex assembly formed by the stable binding of U2 snRNP to the branchpoint sequence (BPS) in pre-mRNA. Directly contacts the pre-mRNA branch site adenosine for the first catalytic step of splicing. Enters the spliceosome and associates with the pre-mRNA branch site as part of the 17S U2 or, in the case of the minor spliceosome, as part of the 18S U11/U12 snRNP complex, and thus may facilitate the interaction of these snRNP with the branch sites of U2 and U12 respectively.[UniProtKB/Swiss-Prot Function]