

Product datasheet for **RC219649L4V**

SAP155 (SF3B1) (NM_001005526) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SAP155 (SF3B1) (NM_001005526) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SAP155
Synonyms:	Hsh155; MDS; PRP10; PRPF10; SAP155; SF3b155
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001005526
ORF Size:	432 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219649).
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_001005526.1 , NP_001005526.1
RefSeq Size:	647 bp
RefSeq ORF:	435 bp
Locus ID:	23451
Cytogenetics:	2q33.1
Protein Pathways:	Spliceosome
MW:	15.8 kDa



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Gene Summary:

This gene encodes subunit 1 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. The carboxy-terminal two-thirds of subunit 1 have 22 non-identical, tandem HEAT repeats that form rod-like, helical structures. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]