

Product datasheet for **SC202054**

PRPF8 (NM_006445) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PRPF8 (NM_006445) Human 3' UTR Clone
Symbol:	PRPF8
Synonyms:	HPRP8; PRP8; PRPC8; RP13; SNRNP220
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_006445
Insert Size:	203 bp
Insert Sequence:	>SC202054 3'UTR clone of NM_006445 The sequence shown below is from the reference sequence of NM_006445. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA GCGATCGCC TCTGCGGATCGGGAGGACCTGTATGCC TG ACCGTTTCCCTGCCTCCTGCTTCAGCCTCCCGAGGCCGAA GCCTCAGCCCCTCCAGACAGGCCGCTGACATTAGCAGTTTGGCCTCTTCCCTCTGTCTGTGCTTGTG TTGTTGACCTCCTGATGGCTTGCATCCTGAATAAAATATAATAAAATTTGTATAAAATAGGA ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_006445.4



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Summary: Pre-mRNA splicing occurs in 2 sequential transesterification steps. The protein encoded by this gene is a component of both U2- and U12-dependent spliceosomes, and found to be essential for the catalytic step II in pre-mRNA splicing process. It contains several WD repeats, which function in protein-protein interactions. This protein has a sequence similarity to yeast Prp8 protein. This gene is a candidate gene for autosomal dominant retinitis pigmentosa. [provided by RefSeq, Jul 2008]

Locus ID: 10594

MW: 7.3