

Product datasheet for **RC209472L1V**

PRPF8 (NM_006445) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PRPF8 (NM_006445) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PRPF8
Synonyms:	HPRP8; PRP8; PRPC8; RP13; SNRNP220
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_006445
ORF Size:	7005 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209472).
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_006445.3
RefSeq Size:	7311 bp
RefSeq ORF:	7008 bp
Locus ID:	10594
UniProt ID:	Q6P2Q9
Cytogenetics:	17p13.3
Domains:	JAB_MPN
Protein Families:	Druggable Genome



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Protein Pathways: Spliceosome

MW: 273.4 kDa

Gene 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]