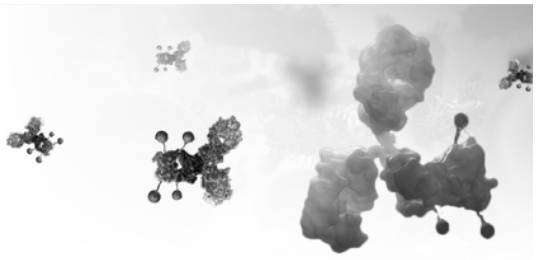

Human PRPF8 peptide (DAG-P1002)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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]
Specificity	Widely expressed.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Contains 1 MPN (JAB/Mov34) domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	PRPF8 pre-mRNA processing factor 8 [Homo sapiens (human)]
Official Symbol	PRPF8
Synonyms	PRPF8; pre-mRNA processing factor 8; PRP8; RP13; HPRP8; PRPC8; SNRNP220; pre-mRNA-processing-splicing factor 8; p220; PRP8 homolog; splicing factor Prp8; apoptosis-regulated protein 1; apoptosis-regulated protein 2; 220 kDa U5 snRNP-specific protein;

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	precursor mRNA processing protein; PRP8 pre-mRNA processing factor 8 homolog; U5 snRNP-specific protein (220 kD), ortholog of S. cerevisiae Prp8p;
Entrez Gene ID	10594
mRNA Refseq	NM_006445.3
Protein Refseq	NP_006436.3
UniProt ID	Q6P2Q9
Chromosome Location	17p13.3
Pathway	Gene Expression, organism-specific biosystem; Processing of Capped Intron-Containing Pre-mRNA, organism-specific biosystem; Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem; Spliceosome, 35S U5-snRNP, organism-specific biosystem; Spliceosome, 35S U5-snRNP, conserved biosystem; Spliceosome, U4/U6.U5 tri-snRNP, organism-specific biosystem; Spliceosome, U4/U6.U5 tri-snRNP, conserved biosystem; mRNA Splicing, organism-specific biosystem; mRNA Splicing - Major Pathway, organ
Function	U5 snRNA binding; U6 snRNA binding; poly(A) RNA binding; protein binding;

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