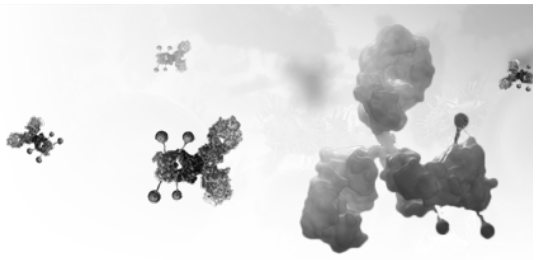

Human U2AF2 peptide (DAG-P2036)

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

PRODUCT INFORMATION

Antigen Description	U2 auxiliary factor (U2AF), comprised of a large and a small subunit, is a non-snRNP protein required for the binding of U2 snRNP to the pre-mRNA branch site. This gene encodes the U2AF large subunit which contains a sequence-specific RNA-binding region with 3 RNA recognition motifs and an Arg/Ser-rich domain necessary for splicing. The large subunit binds to the polypyrimidine tract of introns early during spliceosome assembly. Multiple transcript variants have been detected for this gene, but the full-length natures of only two have been determined to date. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Sequence Similarities	Belongs to the splicing factor SR family.Contains 3 RRM (RNA recognition motif) domains.
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	U2AF2 U2 small nuclear RNA auxiliary factor 2 [Homo sapiens (human)]
Official Symbol	U2AF2
Synonyms	U2AF2; U2 small nuclear RNA auxiliary factor 2; U2AF65; splicing factor U2AF 65 kDa subunit; hU2AF65; U2 auxiliary factor 65 kDa subunit; U2 snRNP auxiliary factor large subunit; U2 (RNU2) small nuclear RNA auxiliary factor 2; U2 small nuclear ribonucleoprotein auxiliary factor (65kD);
Entrez Gene ID	11338

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mRNA Refseq	NM_001012478.1
Protein Refseq	NP_001012496.1
UniProt ID	P26368
Chromosome Location	19q13.42
Pathway	Cleavage of Growing Transcript in the Termination Region, organism-specific biosystem; Gene Expression, organism-specific biosystem; Processing of Capped Intron-Containing Pre-mRNA, organism-specific biosystem; RNA Polymerase II Transcription, organism-specific biosystem; RNA Polymerase II Transcription Termination, organism-specific biosystem; Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem; Transport of Mature Transcript to Cytoplasm, organism-specific biosystem; Tra
Function	C2H2 zinc finger domain binding; enzyme binding; nucleotide binding; poly(A) RNA binding; protein binding;

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