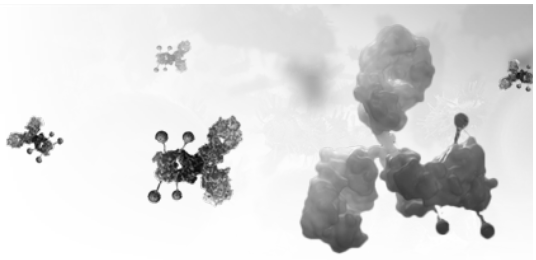

Human SF3B4 blocking peptide (CDBP2654)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-SF3B4/SAP49 antibody
Antigen Description	This gene encodes one of four subunits of the splicing factor 3B. The protein encoded by this gene cross-links to a region in the pre-mRNA immediately upstream of the branchpoint sequence in pre-mRNA in the prespliceosomal complex A. It also may be involved in the assembly of the B, C and E spliceosomal complexes. In addition to RNA-binding activity, this protein interacts directly and highly specifically with subunit 2 of the splicing factor 3B. This protein contains two N-terminal RNA-recognition motifs (RRMs), consistent with the observation that it binds directly to pre-mRNA. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	SF3B4 splicing factor 3b, subunit 4, 49kDa [Homo sapiens]
Official Symbol	SF3B4
Synonyms	SF3B4; splicing factor 3b, subunit 4, 49kDa; splicing factor 3b, subunit 4, 49kD; splicing factor

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	3B subunit 4; Hsh49; SAP49; SF3b49; SAP 49; SF3b50; spliceosomal protein; spliceosome-associated protein 49; spliceosome-associated protein (U2 snRNP); pre-mRNA splicing factor SF3b 49 kDa subunit; pre-mRNA-splicing factor SF3b 49 kDa subunit; MGC10828;
Entrez Gene ID	10262
mRNA Refseq	NM_005850
Protein Refseq	NP_005841
UniProt ID	Q15427
Chromosome Location	1q21.2
Pathway	Gene Expression, organism-specific biosystem; Processing of Capped Intron-Containing Pre-mRNA, organism-specific biosystem; Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem; Spliceosome, U2-snRNP, organism-specific biosystem; mRNA Splicing, organism-specific biosystem; mRNA Splicing - Major Pathway, organism-specific biosystem;
Function	RNA binding; nucleic acid binding; nucleotide binding; protein binding;

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