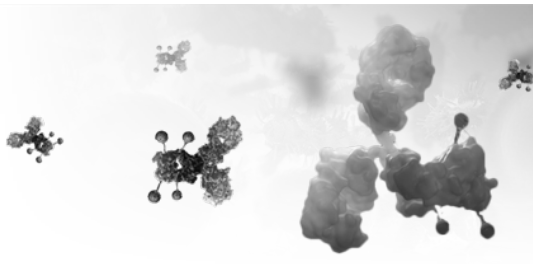

Human HNRNPL peptide (DAG-P0559)

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

PRODUCT INFORMATION

Antigen Description	Heterogeneous nuclear RNAs (hnRNAs) which include mRNA precursors and mature mRNAs are associated with specific proteins to form heterogenous ribonucleoprotein (hnRNP) complexes. Heterogeneous nuclear ribonucleoprotein L is among the proteins that are stably associated with hnRNP complexes and along with other hnRNP proteins is likely to play a major role in the formation, packaging, processing, and function of mRNA. Heterogeneous nuclear ribonucleoprotein L is present in the nucleoplasm as part of the HNRP complex. HNRP proteins have also been identified outside of the nucleoplasm. Exchange of hnRNP for mRNA-binding proteins accompanies transport of mRNA from the nucleus to the cytoplasm. Since HNRP proteins have been shown to shuttle between the nucleus and the cytoplasm, it is possible that they also have cytoplasmic functions. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Sequence Similarities	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	HNRNPL heterogeneous nuclear ribonucleoprotein L [Homo sapiens (human)]
Official Symbol	HNRNPL
Synonyms	HNRNPL; heterogeneous nuclear ribonucleoprotein L; HNRPL; hnRNP-L; P/OKcl.14; hnRNP L;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Entrez Gene ID	3191
mRNA Refseq	NM_001005335.1
Protein Refseq	NP_001005335.1
UniProt ID	P14866
Chromosome Location	19q13.2
Pathway	Gene Expression, organism-specific biosystem; Processing of Capped Intron-Containing Pre-mRNA, organism-specific biosystem; mRNA Splicing, organism-specific biosystem; mRNA Splicing - Major Pathway, organism-specific biosystem; mRNA processing, organism-specific biosystem;
Function	RNA binding; nucleotide binding; poly(A) RNA binding; protein binding; transcription regulatory region DNA binding;

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