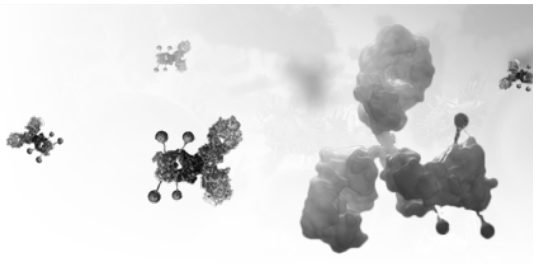

Human SKIV2L peptide (DAG-P0617)

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

PRODUCT INFORMATION

Antigen Description	DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, which is a human homologue of yeast SKI2 and may be involved in antiviral activity by blocking translation of poly(A) deficient mRNAs. This gene is located in the class III region of the major histocompatibility complex. [provided by RefSeq, Jul 2008]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the helicase family. SKI2 subfamily.Contains 1 helicase ATP-binding domain.Contains 1 helicase C-terminal 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	SKIV2L superkiller viralicidic activity 2-like (S. cerevisiae) [Homo sapiens (human)]
Official Symbol	SKIV2L
Synonyms	SKIV2L; superkiller viralicidic activity 2-like (S. cerevisiae); HLP; 170A; SKI2; DDX13; SKI2W;

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	SKIV2; THES2; helicase SKI2W; helicase-like protein;
Entrez Gene ID	6499
mRNA Refseq	NM_006929.4
Protein Refseq	NP_008860.4
UniProt ID	Q15477
Chromosome Location	6p21
Pathway	Association of TriC/CCT with target proteins during biosynthesis, organism-specific biosystem; Chaperonin-mediated protein folding, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Protein folding, organism-specific biosystem; RNA degradation, organism-specific biosystem; RNA degradation, conserved biosystem; Ski complex, organism-specific biosystem; Ski complex, conserved biosystem;
Function	ATP binding; ATP-dependent RNA helicase activity; RNA binding;

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