



Human MOV10 peptide (DAG-P0780)

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

PRODUCT INFORMATION

Antigen Description	MOV10 may be an helicase with an important function in development and/or control of cell proliferation. RNA silencing processes are guided by small RNAs known as siRNAs and microRNAs (miRNAs). They reside in ribonucleoprotein complexes, which guide the cleavage of complementary mRNAs or affect stability and translation of partial complementary mRNAs. Argonaute (Ago) proteins are at the heart of silencing effector complexes and bind the single-stranded siRNA and miRNA. Ago1- and Ago2-containing complexes have been purified from human cells, resulting in the discovery of novel factors such as the putative RNA helicase MOV10, and the RNA recognition motif (RRM)-containing protein TNRC6B/KIAA1093. The new proteins localize, similar to Ago proteins, to mRNA-degrading cytoplasmic P bodies, and they are functionally required to mediate miRNA-guided mRNA cleavage.
Conjugate	Unconjugated
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	MOV10 Mov10, Moloney leukemia virus 10, homolog (mouse) [Homo sapiens (human)]
Official Symbol	MOV10
Synonyms	MOV10; Mov10, Moloney leukemia virus 10, homolog (mouse); gb110; fSAP113; putative helicase MOV-10; moloney leukemia virus 10 protein; functional spliceosome-associated protein 113;
Entrez Gene ID	4343

mRNA Refseq	NM_001130079.2
Protein Refseq	NP_001123551.1
UniProt ID	Q9HCE1
Chromosome Location	1p13.2
Pathway	Adaptive Immune System, organism-specific biosystem; Ca2+ pathway, organism-specific biosystem; Cellular Senescence, organism-specific biosystem; Cellular responses to stress, organism-specific biosystem; DAP12 interactions, organism-specific biosystem; DAP12 signaling, organism-specific biosystem; Disease, organism-specific biosystem; Downstream Signaling Events Of B Cell Receptor (BCR), organism-specific biosystem; Downstream signal transduction, organism-specific biosystem; Downstream signali
Function	ATP binding; helicase activity; poly(A) RNA binding; protein binding;
