



Human TARBP1 peptide (DAG-P1214)

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

PRODUCT INFORMATION

Antigen Description	HIV-1, the causative agent of acquired immunodeficiency syndrome (AIDS), contains an RNA genome that produces a chromosomally integrated DNA during the replicative cycle. Activation of HIV-1 gene expression by the transactivator Tat is dependent on an RNA regulatory element (TAR) located downstream of the transcription initiation site. This element forms a stable stem-loop structure and can be bound by either the protein encoded by this gene or by RNA polymerase II. This protein may act to disengage RNA polymerase II from TAR during transcriptional elongation. Alternatively spliced transcripts of this gene may exist, but their full-length natures have not been determined. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Sequence Similarities	Belongs to the RNA methyltransferase TrmH family.
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	TARBP1 TAR (HIV-1) RNA binding protein 1 [Homo sapiens (human)]
Official Symbol	TARBP1
Synonyms	TARBP1; TAR (HIV-1) RNA binding protein 1; TRM3; TRP185; TRP-185; probable methyltransferase TARBP1; TAR RNA-binding protein 1; TAR RNA loop binding protein; TAR (HIV) RNA binding protein 1; TAR (HIV) RNA-binding protein 1; tRNA methyltransferase 3 homolog; TAR RNA-binding protein of 185 kDa;

Entrez Gene ID	6894
mRNA Refseq	NM_005646.3
Protein Refseq	NP_005637.3
UniProt ID	Q13395
Chromosome Location	1q42.3
Function	RNA binding; RNA methyltransferase activity;
