



# TARBP1 blocking peptide (CDBP6355)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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]
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Used as a blocking peptide in immunoblotting applications.
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/mL
<b>Size</b>	0.05 mg
<b>Preservative</b>	None
<b>Storage</b>	-20°C

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">TARBP1 TAR (HIV-1) RNA binding protein 1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	TARBP1
<b>Synonyms</b>	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	<a href="#">6894</a>
mRNA Refseq	<a href="#">NM_005646</a>
Protein Refseq	<a href="#">NP_005637</a>
UniProt ID	Q13395
Function	RNA binding; RNA methyltransferase activity