



## RBBP8 blocking peptide (CDBP5987)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	The protein encoded by this gene is a ubiquitously expressed nuclear protein. It is found among several proteins that bind directly to retinoblastoma protein, which regulates cell proliferation. This protein complexes with transcriptional co-repressor CTBP. It is also associated with BRCA1 and is thought to modulate the functions of BRCA1 in transcriptional regulation, DNA repair, and/or cell cycle checkpoint control. It is suggested that this gene may itself be a tumor suppressor acting in the same pathway as BRCA1. Three transcript variants encoding two different isoforms have been found for this gene. More transcript variants 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="#">RBBP8 retinoblastoma binding protein 8 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	RBBP8
<b>Synonyms</b>	RBBP8; retinoblastoma binding protein 8; RIM; COM1; CTIP; JWDS; SAE2; SCKL2; DNA endonuclease RBBP8; RBBP-8; CTBP-interacting protein; sporulation in the absence of SPO11

protein 2 homolog

<b>Entrez Gene ID</b>	<a href="#">5932</a>
<b>mRNA Refseq</b>	<a href="#">NM_002894</a>
<b>Protein Refseq</b>	<a href="#">NP_002885</a>
<b>UniProt ID</b>	Q99708
<b>Pathway</b>	BARD1 signaling events; Cell Cycle; E2F transcription factor network; Meiosis; Meiotic recombination; Notch signaling pathway; Notch-mediated HES/HEY network
<b>Function</b>	RNA polymerase II repressing transcription factor binding; RNA polymerase II transcription corepressor activity; damaged DNA binding; protein binding; single-stranded DNA endodeoxyribonuclease activity