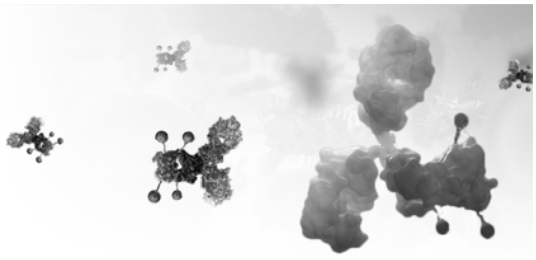

Human RBBP8 peptide (DAG-P0393)

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

PRODUCT INFORMATION

Antigen Description	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]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the COM1/SAE2/CtIP 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	RBBP8 retinoblastoma binding protein 8 [Homo sapiens (human)]
Official Symbol	RBBP8
Synonyms	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;

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Entrez Gene ID	5932
mRNA Refseq	NM_002894.2
Protein Refseq	NP_002885.1
UniProt ID	Q99708
Chromosome Location	18q11.2
Pathway	BARD1 signaling events, organism-specific biosystem; E2F transcription factor network, organism-specific biosystem; Meiosis, organism-specific biosystem; Meiotic Recombination, organism-specific biosystem; Notch signaling pathway, organism-specific biosystem; Notch-mediated HES/HEY network, organism-specific biosystem;
Function	RNA polymerase II repressing transcription factor binding; RNA polymerase II transcription corepressor activity; damaged DNA binding; protein binding; single-stranded DNA endodeoxyribonuclease activity;

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