



## RNF8 blocking peptide (CDBP6023)

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 contains a RING finger motif and an FHA domain. This protein has been shown to interact with several class II ubiquitin-conjugating enzymes (E2), including UBE2E1/UBCH6, UBE2E2, and UBE2E3, and may act as an ubiquitin ligase (E3) in the ubiquitination of certain nuclear proteins. This protein is also known to play a role in the DNA damage response and depletion of this protein causes cell growth inhibition and cell cycle arrest. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2012]
<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="#">RNF8 ring finger protein 8, E3 ubiquitin protein ligase [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	RNF8
<b>Synonyms</b>	RNF8; ring finger protein 8, E3 ubiquitin protein ligase; hRNF8; E3 ubiquitin-protein ligase RNF8; C3HC4-type zinc finger protein; ring finger protein (C3HC4 type) 8; UBC13/UEV-interacting ring finger protein

<b>Entrez Gene ID</b>	<a href="#">9025</a>
<b>mRNA Refseq</b>	<a href="#">NM_003958</a>
<b>Protein Refseq</b>	<a href="#">NP_003949</a>
<b>UniProt ID</b>	O76064
<b>Function</b>	acid-amino acid ligase activity; chromatin binding; histone binding; protein binding; protein homodimerization activity; ubiquitin protein ligase binding; ubiquitin-protein transferase activity; zinc ion binding