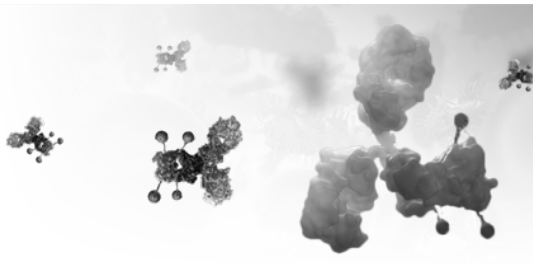

UBE2N blocking peptide (CDBP6396)

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

PRODUCT INFORMATION

Antigen Description	The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. Studies in mouse suggest that this protein plays a role in DNA postreplication repair. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	UBE2N ubiquitin-conjugating enzyme E2N [Homo sapiens (human)]
Official Symbol	UBE2N
Synonyms	UBE2N; ubiquitin-conjugating enzyme E2N; UBC13; UbcH13; HEL-S-71; UbcH-ben; ubiquitin-conjugating enzyme E2 N; yeast UBC13 homolog; ubiquitin-protein ligase N; ubiquitin carrier protein N; epididymis secretory protein Li 71; bendless-like ubiquitin conjugating enzyme; bendless-like ubiquitin-conjugating enzyme; ubiquitin-conjugating enzyme E2N (UBC13

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	homolog, yeast); ubiquitin-conjugating enzyme E2N (homologous to yeast UBC13)
Entrez Gene ID	7334
mRNA Refseq	NM_003348
Protein Refseq	NP_003339
UniProt ID	P61088
Pathway	Activated TLR4 signalling; Adaptive Immune System; Antigen processing: Ubiquitination and Proteasome degradation; Antiviral mechanism by IFN-stimulated genes; Class I MHC mediated antigen processing and presentation; Cytokine Signaling in Immune system; Downstream TCR signaling; FCERI mediated NF-kB activation
Function	ATP binding; acid-amino acid ligase activity; poly(A) RNA binding; protein binding; ubiquitin binding; ubiquitin-protein transferase activity

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