



UBE2V1 blocking peptide (CDBP6399)

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

PRODUCT INFORMATION

Antigen Description	Ubiquitin-conjugating E2 enzyme variant proteins constitute a distinct subfamily within the E2 protein family. They have sequence similarity to other ubiquitin-conjugating enzymes but lack the conserved cysteine residue that is critical for the catalytic activity of E2s. The protein encoded by this gene is located in the nucleus and can cause transcriptional activation of the human FOS proto-oncogene. It is thought to be involved in the control of differentiation by altering cell cycle behavior. Alternatively spliced transcript variants encoding multiple isoforms have been described for this gene, and multiple pseudogenes of this gene have been identified. Co-transcription of this gene and the neighboring upstream gene generates a rare transcript (Kua-UEV), which encodes a fusion protein comprised of sequence sharing identity with each individual gene product. [provided by RefSeq, Apr 2012]
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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	UBE2V1 ubiquitin-conjugating enzyme E2 variant 1 [Homo sapiens (human)]
Official Symbol	UBE2V1

Synonyms	UBE2V1; ubiquitin-conjugating enzyme E2 variant 1; CIR1; UEV1; CROC1; UBE2V; UEV-1; UEV1A; CROC-1; DNA-binding protein; TRAF6-regulated IKK activator 1 beta Uev1A
Entrez Gene ID	7335
mRNA Refseq	NM_001032288
Protein Refseq	NP_001027459
UniProt ID	Q13404
Pathway	Activated TLR4 signalling; Adaptive Immune System; Antigen processing: Ubiquitination and Proteasome degradation; Class I MHC mediated antigen processing and presentation; Cytokine Signaling in Immune system; Downstream TCR signaling; FCERI mediated NF-kB activation; Fc epsilon receptor (FCERI) signaling
Function	acid-amino acid ligase activity; protein binding