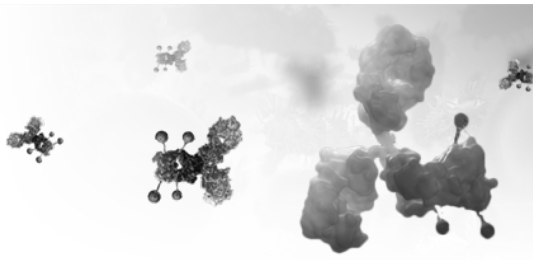

Human UBE2K blocking peptide (CDBP1475)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-HIP2 antibody
Antigen Description	The protein encoded by this gene belongs to the ubiquitin-conjugating enzyme family. This protein interacts with RING finger proteins, and it can ubiquitinate huntingtin, the gene product for Huntington's disease. Known functions for this protein include a role in aggregate formation of expanded polyglutamine proteins and the suppression of apoptosis in polyglutamine diseases, a role in the dislocation of newly synthesized MHC class I heavy chains from the endoplasmic reticulum, and involvement in foam cell formation. Multiple transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	UBE2K ubiquitin-conjugating enzyme E2K [Homo sapiens (human)]
Official Symbol	UBE2K
Synonyms	UBE2K; ubiquitin-conjugating enzyme E2K; LIG; HIP2; HYPG; UBC1; E2-25K; ubiquitin-

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	conjugating enzyme E2 K; HIP-2; E2(25K); ubiquitin-protein ligase; ubiquitin carrier protein; huntingtin interacting protein 2; huntingtin-interacting protein 2; ubiquitin-conjugating enzyme E2-25K; ubiquitin-conjugating enzyme E2(25K); ubiquitin-conjugating enzyme E2-25 KDA; ubiquitin-conjugating enzyme E2K (UBC1 homolog, yeast);
Entrez Gene ID	3093
mRNA Refseq	NM_001111112.1
Protein Refseq	NP_001104582.1
UniProt ID	P61086
Chromosome Location	4p14
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination & Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Immune System, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; Negative regulators of RIG-I/MDA5 signaling, organism-specific biosystem;
Function	ATP binding; protein binding; ubiquitin protein ligase binding; ubiquitin-protein ligase activity; ubiquitin-ubiquitin ligase activity;

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