



HUWE1 blocking peptide (CDBP5099)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a protein containing a C-terminal HECT (E6AP type E3 ubiquitin protein ligase) domain that functions as an E3 ubiquitin ligase. The encoded protein is required for the ubiquitination and subsequent degradation of the anti-apoptotic protein Mcl1 (myeloid cell leukemia sequence 1 (BCL2-related)). This protein also ubiquitinates the p53 tumor suppressor, core histones, and DNA polymerase beta. Mutations in this gene are associated with Turner type X-linked syndromic mental retardation. [provided by RefSeq, Aug 2013]
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	HUWE1 HECT, UBA and WWE domain containing 1, E3 ubiquitin protein ligase [Homo sapiens (human)]
Official Symbol	HUWE1
Synonyms	HUWE1; HECT, UBA and WWE domain containing 1, E3 ubiquitin protein ligase; MULE; Ib772; LASU1; UREB1; HECTH9; URE-B1; ARF-BP1; HSPC272; E3 ubiquitin-protein ligase HUWE1; ARF-binding protein 1; URE-binding protein 1; BJ-HCC-24 tumor antigen; large structure of

UREB1; HECT domain protein LASU1; Mcl-1 ubiquitin ligase E3; upstream regulatory element-binding protein 1; homologous to E6AP carboxyl terminus homologous protein 9

Entrez Gene ID	10075
mRNA Refseq	NM_031407
Protein Refseq	NP_113584
UniProt ID	Q7Z6Z7
Pathway	Adaptive Immune System; Antigen processing: Ubiquitination and Proteasome degradation; Class I MHC mediated antigen processing and presentation; Immune System; Ubiquitin mediated proteolysis; Validated targets of C-MYC transcriptional activation; p53 pathway
Function	DNA binding; ligase activity; poly(A) RNA binding; protein binding; ubiquitin-protein transferase activity