



USP10 blocking peptide (CDBP6413)

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

PRODUCT INFORMATION

Antigen Description	Ubiquitin is a highly conserved protein that is covalently linked to other proteins to regulate their function and degradation. This gene encodes a member of the ubiquitin-specific protease family of cysteine proteases. The enzyme specifically cleaves ubiquitin from ubiquitin-conjugated protein substrates. The protein is found in the nucleus and cytoplasm. It functions as a co-factor of the DNA-bound androgen receptor complex, and is inhibited by a protein in the Ras-GTPase pathway. The human genome contains several pseudogenes similar to this gene. Several transcript variants, some protein-coding and others not protein-coding, have been found for this gene. [provided by RefSeq, Jan 2013]
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Conjugate	Unconjugated
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Applications	Used as a blocking peptide in immunoblotting applications.
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Format	Liquid
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Concentration	200 µg/mL
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Size	0.05 mg
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Preservative	None
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Storage	-20°C
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GENE INFORMATION

Gene Name	USP10 ubiquitin specific peptidase 10 [Homo sapiens (human)]
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Official Symbol	USP10
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Synonyms	USP10; ubiquitin specific peptidase 10; UBPO; ubiquitin carboxyl-terminal hydrolase 10; ubiquitin thioesterase 10; deubiquitinating enzyme 10; ubiquitin thiolesterase 10; ubiquitin
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specific protease 10; ubiquitin-specific-processing protease 10

Entrez Gene ID	9100
mRNA Refseq	NM_001272075
Protein Refseq	NP_001259004
UniProt ID	Q14694
Function	cysteine-type endopeptidase activity; ion channel binding; p53 binding; poly(A) RNA binding; protein binding; ubiquitin thiolesterase activity; ubiquitin thiolesterase activity; ubiquitin-specific protease activity; ubiquitin-specific protease activity